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SM Unknow...
Unclassified.
SS Anderson,K., Draper,K. and Baker,B.
Algonuclectides for modulating the effects of cytomegalovirus
infections
Unclassifiers
Location/Qualifiers
ource /organism="unknown"
/mol_type="unassigned DNA"
... DB 1; Length 21;
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Anderson, K., Draper, K. and Baker, B.
Oligonucleotides for modulating the effects of cytomegalovirus infections
Patent: US 5442049-A 88 15-AUG-1995;
                                                                    Gaps
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                                    Length 21;
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Ouery Match

Ouery Match

Ouery Matches

Ouery Matches
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0.9%; Score 15.2; DB 1;
Best Local Similarity 85.0%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 3;
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Sequence 22 from patent US 5442049.
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/organism="unknown"
/mol_type="unassigned DNA"
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DEFINITION Sequence 7 from patent US 5576302.
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                                                                                            130 CGGATGAAGAAGATCAAACG 149
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Unclassified.
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I13814/c
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113880
LOCUS
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129011/c
LOCUS
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ORGANISM
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                                                                                                                                                                                                Fusogenic lipids and vesicles
Fusogenic lipids and vesicles
Patent. JP 2002541089-A 3 03-DEC-2002;
ISIS PHARMACEUTICALS INC
ON Artificial Sequence
PD 03-DEC-2002
PP 06-APR-1999 US 09/287175
PR 06-APR-1999 US 09/287175
PI CHRISTOPHER PAUL LEAMON
PC C07C323/52,AsiK9/127,A61K47/28,C07C323/60,C0779/00 CC
Oligonucleotide
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Patent: JF 2002541089-A 6 03-DEC-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002541089-A/6
PN JP 2002541089-A/6
PP 06-APR-2000 JP 2000609038
PF 06-APR-1999 US 09/281175
PI CHRISTOPHER PAUL LEAMON
PC COT72323/52,A61K9/127,A61K47/28,C07C323/60,C07F9/10,C07J9/00 CC
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Location/Qualifiers
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85.0%; Pred. No. 3.2e+02;
Live 0; Mismatches 3; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_kref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
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                                                   Fusogenic lipids and vesicles.
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Fusogenic lipids and vesicles.
BD272112
BD272112.1 GI:33081880
JP 2002541089-A/6.
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PP 2002541089-A/3.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 21)
Leamon, C.P.
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synthetic construct
artificial sequences.
1 (bases 1 to 21)
Leamon, C.P.
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Best Local Similarity
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               RESULT 144
BD272109/c
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BD272112/c
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PAT 06-FEB-1997
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1 (bases 1 to 21)

Cook, P. D. and Hoke, G.

Oligonucleotides for modulating cytomegalovirus having phosphorothicate 1 linkages of high chiral purity Patent: US 5607923-A 7 04-MAR-1997;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                Draper, K.G., Chapman, S.K. and Kisner, D.L. Composition and method for treatment of CMV retinites Patent: US 5595978-A 1 21-JAN-1997; Location/Qualifiers
                        Length 21;
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85.0%; Pred. No. 3.2e+02;
tive 0; Mismatches 3; Indels
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1. Similarity 85.0%; Pred. No. 3.2e+02;
17; Conservative 0; Mismatches 3;
                  Query Match 0.9%; Score 15.2; DB 1; Best Local Similarity 85.0%; Pred. No. 3.2e+02; Matches 17; Conservative 0; Mismatches 3;
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/mol_type="unassigned DNA"
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Sequence 7 from patent US 5620963.
140396.1 GI:2082688
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I34237/c
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I36647/c
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Cook, P.D. and Hoke, G.
Oligonucleotides having phosphorothioate linkages of high chiral
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Anderson, K.P. and Draper, K.G.
Oligonucleotides for modulating the effects of cytomegalovirus
infections
Patent: US 5591720-A 22 07-JAN-1997,
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                Oligonucleotides for modulating hepatitis C virus having phosphorothicate linkages of high chiral purity Patent: US 5576302-A 7 19-NOV-1996; Location/Qualifiers
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85.0%; Pred. No. 3.2e+02;
ative 0; Mismatches 3; Indels
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85.0%; Pred. No. 3.2e+02;
trive 0; Mismatches 3;
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/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Patent: US 5587361-A 7 24-DEC-1996;
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Sequence 7 from patent US 5587361.
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                                                                                  1 (bases 1 to 21)
Cook, P.D. and Hoke, G.
               GI:1819802
                                                                                                                                                                                                                                                                                                                                                                                                                                           GI:1823185
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Best Local Similarity 85.0°
Matches 17; Conservative
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                                                                      Unclassified.
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Matches 17; Conserv
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I32394.1
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Cook, P.Dan. and Hoke, G.
Oligonucleotides for modulating Ha-ras or Ki-ras having
phosphorothicate linkages of high chiral purity
Patent: US 5661134-A 7 26-AUG-1997;
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M. Unclassified.

B. 1 (bases 1 to 21)

K. Cheruvallath, 2.S., Ravikumar, V.T. and Cole, D.L.

Process for the synthesis of oligomeric compounds

Al. Patent: US 6326478-A 3 04-DEC-2001,

Location/Qualifiers
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Sequence 128 from patent US 6339066.
AR182820.1 GI:20226027
         0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="unassigned DNA"
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Sequence 3 from patent US 6326478.
AR179698
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Sequence 7 from patent US 5661134.
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                                      130 CGGATGAAGAAGATCAAACG 149
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I63127.1 GI:2480835
       17; Conservative
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I63127/c
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AR179698/c
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AR182820/c
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Cook, P.Dan. and Hoke, G.
Clook, P.Dan. and Hoke, G.
Oligonucleorides for modulating RAF kinase having phosphorothioate
linkages of high chiral purity
Patent: US 5654284-A 7 05-AUG-1997;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 21)
Wyrzykiewicz_T.K.
Methods for characterizing phosphorothicate oligonucleotides
Patent: US 529316-A 1 13-MAY-1997;
Location/Qualifiers
                                                         1 (bases 1 to 21)
Cook, P.D. and Hoke, G.
Oligonucleotides for modulating protein kinase C having phosphorothicate linkages of high chiral purity Patent: US 5620963-A 7 15-APR-1997;
Location/Qualifiers
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Best Local Similarity 85.0%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
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85.0%; Pred. No. 3.2e+02;
Live 0; Mismatches 3; Indels
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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142176.
142176.1 GI:2467671
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Sequence 7 from patent US 5654284.
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Best Local Similarity 85.0
Matches 17; Conservative
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Unclassified.
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Unclassified.
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I42176/c
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1 (bases 1 to 21)
Cheruvallath,Z.S., Ravikumar,V.T. and Cole,D.L.
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85.0%; Pred. No. 3.2e+02;
rative 0; Mismatches 3;
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Sugar modified oligonucleotides
Sugar us 6399754-A 18 04-JUN-2002;
Location/Qualifiers
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Sugar modified oligonucleotides
Patent: US 6399754-A 19 04-JUN-2002;
                                                                                                 AR212292 21 bp C
Seguence 18 from patent US 6399754.
AR212292
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Sequence 19 from patent US 6399754.
AR212293.1 GI:21515829
                                                                                                                                                                                                                                                                                                                  /mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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/organism="unknown"
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130 CGGATGAAGAAGATCAAACG 149
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                21 CGCAAGAAGAAGAGCAAACG
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1 (bases 1 to 21)
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1 (bases 1 to 21)
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AR212292/c
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    1 (bases 1 to 21)
Bennett, C.Frank., Dean, N.M., Cook, P.Dan. and Hoke, G.
Antisense Oligonucleotides which have phosphorothioate linkages of high chiral purity and which modulate .beta.I, .beta.II, .gamma., delta., .EPSILON., .zeta. and .eta. isoforms of human protein kinase C
Patent: US 6339066-A 128 15-JAN-2002;
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0.9%; Score 15.2; DB 1;
Best Local Similarity 85.0%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 3;
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1 (bases 1 to 21)
Leamon, C. Paul.

Rusogenic lipids and vesicles
Patent: US 6379698-A 6 30-APR-2002;
Location/Qualifiers
                                                                                                                      1. .21
/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Fusogenic lipids and vesicles
Patent: US 6379698-A 3 30-APR-2002;
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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/wol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                      Sequence 3 from patent US 6379698.
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Sequence 6 from patent US 6379698.
AR207555
                                                                                                          Location/Qualifiers
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Leamon, C. Paul.
                                                                                                                                                                                                                                                                                                                                                                                                                                        Unclassified.
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Best Local Similarity
Matches 17; Conserv
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AR207555/c
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AR207552/c
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Gaps

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Length 21;

PAT 20-DEC-2002

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0.9%; Score 15.2; DB 1; Length 21;
llarity 85.0%; Pred. No. 3.2e+02;
Conservative 0; Mismatches 3; Indels
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0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                              Unclassified.

1 (bases 1 to 21)
Martin,P., Altmann,K.-H., Cock,P.D. and Monia,B.P.
Sugar-modified gapped oligonucleotides
Patent: US 6451991-A 23 17-SEP-2002;
Location/Qualifiers
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Martin,P., Altmann,K.-H., Cook,P.D. and Monia,B.P.
Sugar-modified gapped oligonucleotides
Patent: US 6451991-A 24 17-SEP-2002;
Location/Qualifiers
   Process for the synthesis of oligomeric compounds Patent: US 6399756-A 3 04-JUN-2002; Location/Qualifiers
                                                                                                                                                     3; Indels
                                                                                                                   0.9%; Score 15.2; DB 1;
85.0%; Pred. No. 3.2e+02;
cive 0; Mismatches 3;
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                                                     1. .21
/organism="unknown"
/wol_type="unassigned DNA"
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Sequence 23 from patent US 6451991.
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/organism="unknown"
/wol_type="genomic DNA"
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/organism="unknown"
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hes 17; Conserva
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Unclassified.
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Best Local Similarity
Matches 17; Conserv
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PAT 20-DEC-2002

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RESULT 166

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PAT 17-AUG-2003
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Ravikumar,V.T., Capaldi,D.C. and Cole,D.L.
Processes for the synthesis of oligomers using phosphoramidite
                                                                                                                                                                                                                                                                  Gaps
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                                                                                                                                   Recombinant hair treatment compositions
Patent: US 6572845-A 4 03-JUN-2003;
Location/Qualifiers
1. 21
/organism="unknown"
/mol_type="genomic DNA"
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1 (bases 1 to 21)
Manoharan,M. and Ravikumar,V.T.
Activators for oligonucleotide synthesis
Patent: US 6642373-A 3 04-NOV-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                       DNA
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85.0%; Pred. No. 3.2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     compositions
Patent: US 6610842-A 3 26-AUG-2003;
  AR340233 21 bp
Sequence 4 from patent US 6572845.
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Sequence 3 from patent US 6610842.
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Seguence 3 from patent US 6642373.
AR429268
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/mol_type="genomic DNA"
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                                        AR340233.1 GI:33731648
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                                                                                                           (bases 1 to 21)
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Best Local Similarity 85.0
Matches 17; Conservative
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Unclassified.
                                                                                                                        Ensley, B.D.
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Best Local Similarity
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 AR340233
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AR429268/c
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AR429306/c
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ACCESSION
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Manoharan, and Ravikumar, V.T.
Activators for oligonucleotide synthesis
Patent: US 6642373-A 12 04-NOV-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 21)
Manoharan, M. and Ravikumar, V.T.
Activators for oligonucleotide synthesis
Patent: US 6642373-A 26 04-NOV-2003;
Location/Qualifiers
                                                                                                                                                                          DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 26 from patent US 6642373.
AR429291.1 GI:40189462
                                                                                                                                                                  Sequence 12 from patent US 6642373.
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/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
                                                                          130 CGGATGAAGAAGATCAAACG 149
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Best Local Similarity 85.0
Matches 17; Conservative
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Unclassified.
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                    Query Match
Best Local Similarity
Matches 17; Conserv
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VERSION
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AR429299/c
                                                                                                                                                        AR429277/c
                                                                                                                                                                                                                                                                                                      TITLE
JOURNAL
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FEATURES
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Aventis Pharma Deutschland GmbH (DE)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                  Indels
Unclassified.

1 (Dases 1 to 21)

Manoharan, M. and Ravikumar, V.T.

Activators for oligomucleotide synthesis

Patent: US 6642373-A 34 04-NOV-2003;
                                                                                                                                                                                                                                 Query Match
0.9%; Score 15.2; DB 1;
Best Local Similarity 85.0%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 3;
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Manoharan, and Ravikumar, V.T.
Activators for oligomoleotide synthesis
Patent: US 6642373-A 41 04-NOV-2003;
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/note="Oligonucleotide"
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                                                                                                                                                               /organism="unknown"
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/organism="unknown"
/wol_type="genomic DNA"
                                                                                                                       Location/Qualifiers
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synthetic construct
artificial sequences.
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PAT 20-NOV-2001
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Polyamide nucleic acid derivatives, agents and methods for producing the same
Patent: WO 0179249-A 1 25-OCT-2001;
Aventis Pharma Deutschland GmbH (DE)
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen Sequenz:
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Pred. No. 3.2e+02;
0; Mismatches 3;
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Sequence 1 from Patent WO0179249.
AX283237
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Sequence 9 from Patent WO02069369.
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AX283237/c
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TITLE
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mocarthy, J.J.

Single nucleoride polymorphisms in genes

Patent: WO 0118250-A 1986 15-MAR-2001;

WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
                                              Gaps
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Polyamide nucleic acid derivatives, agents and methods for producing them
Patent: WO 0179216-A 1 25-OCT-2001;
Aventis Pharma Deutschland GmbH (DE)
Location/Qualifiers
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Query Match 0.9%; Score 15.2; DB 1; Length 21; Best Local Similarity 85.0%; Pred. No. 3.2e+02; Matches 17; Conservative 0; Mismatches 3; Indels
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ve 0; Mismatches 3; Indels
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/mol type="unassigned DNA"
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/note="Beschreibung der kuenstlichen
Sequenz:Oligonukleotide"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /mol_type="unassigned DNA"
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Sequence 1 from Patent WO0179216.
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synthetic construct
artificial sequences.
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Homo sapiens
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AX096808
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DEFINITION

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FEATURES

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AX593895

ACCESSION VERSION

ORGANISM

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AUTHORS TITLE

REFERENCE

JOURNAL

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BD014067 21 bp DNA linear PAT 27-AUG-2002 Oligonucleotide having phosphorothioate bond with high chiral
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AGIP35/00,C07H21/00,C12N15/00
Strandedness: Single;
Topology: Linear;
Oligonucleotide having phosphorothioate bond with high chiral
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/mol_type="unassigned DNA"
/mol_type="unassigned DNA"
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/note="amorce antisens de l'exon 10 du gene CFTR (cystic fibrosis transmembrane regulator)."
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PN UP 2001103987-A 7 17-APR-2001;

SS PHARMACEUTICALS INC

SP UP-APR-2000

PP 17-APR-2000

PP 17-APR-2000

PP 01-APR-2000

PP 06-UUN-1995 US 08/46692,06-UUN-1995 US 08/47;

O6-UUN-1995 US 08/46692,06-UUN-1995 US 08/47;

O6-UUN-1995 US 08/46692,06-UUN-1995 US 08/47;

O6-UUN-1995 US 08/46692,06-UUN-1995 US 08/47;

PR 06-UUN-1995 US 08/46692,06-UUN-1995 US 08/47;

O6-UUN-1995 US 08/46692,06-UUN-1995 US 08/47;

PC 12N15/09,A81X31/7125,A61X48/00,A61P27/02,A61P;

PC A61P35/09,A61X31/7125,A61X48/00,A61P27/02,A61P;

PC A61P35/00,C07H21/00,C12N15/00

CC Strandedness: Single;

CC TOPOLOGY: Linear;

CC TOPOLOGY:
                                                                                                                                                                                                                   Chesne, P., Adenot, P. and Renard, J.P.
Rabbit nuclear cloning method and uses thereof
Patent: WO 03059053-A 4 24-UUL-2003;
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (FR)
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Location/Qualifiers
  Sequence 4 from Patent WO03059053.
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/organism="unidentified"
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                             AX805321
AX805321.1 GI:38522424
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BD014067.1 GI:22554396
JP 2001103987-A/7.
                                                                                                     synthetic construct
synthetic construct
artificial sequences.
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1 (bases 1 to 21)
Cook, P.D. and Hawk, G.
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85.0%; Pred. No. 3.2e+02;
iive 0; Mismatches 3; Indels
                                                                                                                                                                     Schetter, C. and Vollmer, J. Cpg-like nucleic acids and methods of use thereof Patent: WO 02069369-A 9 06-SEP-2002; Coley Pharmaceutical Group, Ltd (BM)
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Cpg-like nucleic acids and methods of use thereof
Patent: WO 02069369-A 13 06-SEP-2002;
Coley Pharmaceutical Group, Ltd (BM)
Location/Qualifiers
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Corganism="synthetic construct"

/mol type="unassigned DNA"

/db_xref="taxon:32630"

/note="Synthetic oligonucleotide"
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/organism="Synthetic construct"
/mol.type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide"
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Sequence 13 from Patent W002069369.
AX593899
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        AX593895.1 GI:28375154
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Matches 17; Conserv
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DEFINITION ACCESSION VERSION KEYWORDS

ORGANISM

SOURCE

REFERENCE AUTHORS JOURNAL

FEATURES

AX593899/c LOCUS

RESULT 179

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AX805321

RESULT 180 AX805321 LOCUS

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Query Match

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19-DEC-1997 JP 1998530123
31-DEC-1996 08/778052
RICHARD P LIFTON, DAVID B SIMON
C12N15/09, C07K14/435, C07K16/00, C12N1/15, C12N1/19, C12N1/21, PC
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PC A6TP5/00, A6TP9/00, A6TP25/00, A6TP35/00, G01N33/15, G01N33/50, PC
G01N33/53/,
FC C12P21/08, (G12P21/02, G12R1:19), (G12N1/21, G12R1:19) CC
Designed oligonucleotide primer to amplify DNA encoding human CC
TGR23-1 or
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synthetic construct
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artificial sequences.

I (bases 1 to 21)
Sato, S., Shintani, Y., Miyajima, N. and Yoshimura, K.
Novel G protein-coupled receptor protein and its DNA
I TAKEDA CHEMICAL INDUSTRIES IID, SHUJI SATO, YASUSHI SHINTANI,
NOBUYUKI MIYAJIMA, KOJI YOSHIMURA
OS Artificial Sequence
PN WO 0231145-A/5
PD 18-APR-2002
PF 12-OCT-2001 WO 2001JP008977
PF 12-OCT-2001 WO 2001JP008977
PF 13-OCT-2000 JP 00P 350057 PI
SHUJI SATO, YASUSHI SHINTANI, NOBUYUKI MIYAJIMA, KOJI YOSHIMURA PC
C12N15/12, C12N1/21, C12N5/10, C07K14/705, C07K16/28, C12P21/02, PC
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                     OS Artificial Sequence
PN JP 2001508291-A/25
PD 26-UUN-2001
PF 19-DEC-1997 JP 1998530123
PR 31-DEC-1996 US 08/778052
PI RICHARD P LIFTON, DAVID B SIMON
PC C12N15/09, C07K14/435, C07K16/00, C12N1/19, C12N1/
C12N5/10
PC C12D21/02, C12Q1/68, G01N33/53, C12N15/00, C12N5/00 CC P;
for analysis of human TSC gene
FH Key
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Novel G protein-coupled receptor protein and its DNA.
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Location/Qualifiers
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85.0%; Pred. No. 3.2e+02;
rative 0; Mismatches 3;
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0.9%; Score 15.2; DB 1;
Best Local Similarity 85.0%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 3;
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JP 2001508291-A/25.
synthetic construct
artificial sequences.
1 (bases 1 to 21)
Lifton,R.P. and Simon,D.B.
Method to diagnose and treat pathological conditions resulting from deficient ion transport
Patent: JP 2001508291-A 25 26-JUN-2001;
                                                                                                                                                                                           21 bp DNA linear PAT 27-AUG-2002 Oligonoclectic purity phosphorothicate bond-containing BD014106
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pathological conditions resulting from
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COT12100, AG1R31/125, AG1K48/00, AG1P1/16, AG1P27/02, AG1P29/00, PC AG1P31/18, AG1P35/00, C12N15/00

COT131/18, AG1P35/00, C12N15/09, C12N15/00

COST TATABORNESS: Single;

CC TOPOLOGY: Linear;

CC High-chimeric purity phosphorothioate bond-containing CC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5 US 08/467597 PR
08/468569 PR
08/471966 PR
08/470129 PI PHIL
     Gaps
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High-chimeric purity phosphorothioate bond-containing
oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                          unclassified.

| (bases 1 to 21) |
| (cok, P.D. and Hawk, G. |
| High-chimeric purity phosphorothioate bond-containing patent: JP 2001114798-A 7 24-APR-2001;
| SIS PHARMACEUTICALS INC |
| OS Unidentified |
| PD 24-APR-2001 |
| PP 24-APR-2001 |
| PP 31-AUG-2000 DP 2000262865 |
| PR 06-JUN-1995 US 08/46847, 06-JUN-1995 US 08/468569 |
| O6-JUN-1995 US 08/468692, 06-JUN-1995 US 08/47196f |
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85.0%; Pred. No. 3.2e+02;
tive 0; Mismatches 3; Indels
     3; Indels
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/organism='Unidentified'
Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                  CGGATGAAGAAGATCAAACG 149
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JP 2001114798-A/7.
unidentified
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Conservative
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BD014106/c
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BD056568/c
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synthetic construct
artificial sequences.

E 1 (bases 1 to 21)
S Sato, S., Shintani, Y., Miyajima, N. and Yoshimura, K.
Novel G protein-coupled receptor and its DNA
L PATENT OF 2002355061-A 16 10-DEC-2002;
L TAKEDA CHENICAL INDUSTRIES LTD
OS Artificial Sequence
PN JP 2002355061-A/16
PP 12-OCT-2001 JP 2001315358
PP 12-OCT-2001 JP 2001315358
PP 12-OCT-2003 PP CINIS ATO, YASUSHI SHINTANI, NOBUYUKI MIYAJIMA, KOJI YOSHIMURA
PC CINIS (09, A01K67/027, A61K39/395, A61K45/00, A61P3/00,
                    AG1B5/00,
AG1P25/00,AG1P35/00,C07K14/705,C07K16/28,C12N1/15,C12N1/19, PC
                                                                                                        G01N33/53,G01N33/56,G01N33/574,C12N15/00,C12N5/00,C12N5/00 CC
Designed oligonucleotide primer to amplify DNA encoding human CC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PAT 17-JUN-2003
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 C12N15/09,A01K67/027,A61K39/395,A61K39/395,A61K45/00,A61P3/00,
                                                    C12N1/21,
C12N5/10,C12N5/10,C12P21/02,C12Q1/68,G01N33/15,G01N33/50,
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/organism='Artificial Sequence'.
Location/Qualifiers
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85.0%; Pred. No. 3.2e+02;
ive 0; Mismatches 3; Indels
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85.0%; Pred. No. 3.2e+02;
tive 0; Mismatches 3;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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BD183788/c
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SHUJI SAIO, YASUSHI SHINTANI, NOBUYUKI MIYAJIMA, KOJI YOSHIMURA
                                                                                                                                                                                                                                                                                                                                                                                                                                PF 12-OCT-2001 WO 2001JP008977
PR 13-OCT-2000 JP 00P 315-33,16-NOV-2000 JP 00P 350057 PI
SHUJI SATO, YASUSHI SHINTANI, NOBUYUKI MYAJIMA, KOJI YOSHIMURA PC
C12N15/12, C12N1/21, C12N5/10, C07K14/705, C07K16/28, C12P271/02, PC
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synthetic construct
artificial sequences.

1 (bases 1 to 21)
Sato, S., Shintani, Y., Miyajima, N. and Yoshimura, K.
Novel G protein-coupled receptor protein and its DNA
Patent: WO 0221145-A 16 18-APR-2002,
TAKEDA CHEMICAL INDUSTRIES LTD, SHUJI SATO, YASUSHI SHINTANI,
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Location/Qualifiers
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M synthetic construct

artificial sequences.

1 (3,8,8) intani,Y., Miyajima,N. and Yoshimura,K.

Novel G protein-coupled receptor and its DNA

TAKEDA CHERCAL INDUSTRIES LTD

OS Artificial Sequence

PN JP 200235501-A/5

PD 10-DEC-2002

PP 12-0CT-2001 JP 2001315358

PI 12-OCT-2001 JP 2001315358

PI SHUJI SATO, YASUSHI SHINTANI, NOBUTUKI MIYAJIMA, KO.
                                                                                                                 21 bp DNA linear P
Novel G protein-coupled receptor protein and its DNA.
BD168680
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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OS Artificial Sequence
PN WO 0231145-A/16
PD 18-APR-2002
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TGAGGTGCAGTCTCCAGTGA 415
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ilarity 85.0%;
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Compositions and methods for topical delivery of oligonucleotides. BD209852. GI:33019622 BD209852.1 GI:33019622 BP209857.1 GI:33019622 BP2098571.4 A/5.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Compositions and methods for topical delivery of oligonucleotides Patent: JP 2002515514-A 5 28-MAY-2002; SISS PHARMACEUTICALS INC OS Artificial Sequence OS Artificial Sequence PN JP 2002515514-A/5 PP 20-MAY-1909 JP 2000549773 PF 20-MAY-1999 UP 200649773 PF 20-MAY-1999 US 09/08236 PT AAHUL MEHTA, GREGORY E HARDEE, PHILLIP D COOK, DAVID J ECKER, PI YALL JENNIFER TSAL, MICHARL V TEMPLIN PC A61K49/00, A61K9/107, A61K31/7088, A61K31/7125, A61K47/12, A6
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1 (bases 1 to 21)

Bennett, C.F., Ecker, D.J. and Cook, P.D.

Compositions and methods for the pulmonary delivery of nucleic
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synthetic construct
artificial sequences.
1 (base 1 to 21)
Mehta,R., Hardee,G.E., Cook,P.D., Ecker,D.J., Tsai,Y.J. and
Templin,M.V.
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          Length 21;
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C07H21/04,C12N15/09,C12Q1/68,C12N15/00
Antisense Sequence
          Score 15.2; DB 1;
Pred. No. 3.2e+02;
0; Mismatches 3;
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0.9%; Score 15.2; DB 1;
Best Local Similarity 85.0%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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ISIS PHARMACEUTICALS INC
OS Artificial Sequence
                                                                                                            130 CGGATGAAGAAGATCAAACG 149
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JP 2002515513-A/2.
synthetic construct
synthetic construct
     Query Match 0.9%;
Best Local Similarity 85.0%;
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BD192566.1 GI:33002305

BD192566.1 GI:33002305

BD192566.1 GI:33002305

BD192566.1 GI:33002305

BD192566.1 GI:33002305

Synthetic construct

artificial sequences.

Compositions and methods for the delivery of oligonucleotides via the alimentary canal

AL Patent: JP 2002510319-A 131 02-APR-2002;

ISIS PHARMACENTICALS INC

OS Artificial Sequence

PN JP 2002510319-A/131

PR 01-JUL-1998 JP 1999507295

PR 01-JUL-1998 JP 1999507295

PR 01-JUL-1998 ASURSHABDE

PC C12QJ/68.ASURS/127,ASIRABDE

PC C12QJ/68.ASURS/127,ASIRABDE

PC C12QJ/68.ASURS/127,ASIRABDE

PC DESCRIPTION OF ARTIFICIAL Sequence: Novel Sequence FH Key
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                                                           PAT 17-JUL-2003
                                                                                                                                                                                                                                                                                                      Prediction method of ligand
Patent: WO 03007187-A 17 23-JAN-2003;

TAKEDA CHEMICAL INDUSTRIES LTD, HIROSHI INOOKA, YOSHIO YAMAMOTO
OS Artificial Sequence
PN WO 03007187-A/17
PD 22-JAN-2003
PF 11-JUL-2002 WO 2002JP007057
PR 12-JUL-2001 JP 01P 212749
PI HIROSHI INOOKA, YOSHIO YAMAMOTO
PC G66F17/30, G06F17/50, G01N33/566, A61K38/00, A61K45/00, C12N15/00
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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WO 30007187-A/17.
Synthetic construct
synthetic construct
artificial sequences.
I (bases 1 to 21)
Inooka, H. and Yamamoto, Y.
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os None

OC Artificial sequences.

PN 97 1997/056384-A/3

PN 04-MAR-1997

PF 25-AUG-1995 JP 1995216911

PI NAGAMUNE TERUYUKT, UEDA HIROSHI, KAZAMI JUN, KONO HAJIME PC C12N15/09, C07H21/04, C12Q1/66, G01N21/76, G01N33/48//C12N5/10, PC C12N9/02,

CC Strandedness: Single;

CC strandedness: Single;

CC topology: Linear;

FH Key Location/Qualifiers

FT Source /organism='Artificial sequences'.
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Prayaga,S.K., Majumder,K., Taillon,B., Spaderna,S.K., Spytek,K. and MacDougall,J.
Polypeptides and nucleic acids encoding same
Patent: US 6600019-A 68 29-JUL-2003;
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85.0%; Pred. No. 3.4e+02;
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85.0%; Pred. No. 3.4e+02;
tive 0; Mismatches 3; Indels
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                                                                                                           unidentified
unclassified.
1 (Dases 1 to 22)
Nagamune,T., Ueda,H., Kazami,J. and Kono,H.
LABELING OF CELL.
Patent: JP 1997056384-A 3 04-MAR-1997;
TORAY IND INC
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Sequence 68 from patent US 6600019.
AR361958
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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1. .22
/organism="unknown"
/mol_type="genomic DNA"
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                                    E12712.1 GI:3251544 JP 1997056384-A/3. unidentified
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Best Local Similarity 85.04
Matches 17; Conservative
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AX192252/c
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PN JP 2002515513-A/2
PD 28-MAY-2002
PP 20-MAY-1999 JP 2000549772
PR 21-MAY-1999 US 09/083586
PI CLARENCE FRANK BENNETT, DAVID J ECKER, PHILIP DAN COOK PC 461X48/00,A61X31/712,A61X31/7125,C12N15/09,C12P19/34,C12Q1/68, PC C12N15/00
CC Antisense Sequence
CC Antisense Sequence
FH Key Location/Qualifiers
FT source Location/Qualifiers
FT FOUR COOK DE COO
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artificial sequences.

S Nakarahi, T., Gomi, H., Jiyon, W. and Noguchi, H.
ANTHROPOWORPHISM B-B10

L Patent: JP 1993244982-A 1 24-SEP-1993;
SUMITOWO CHEM CO LTD, SUMITOWO PHARMACEUT CO LTD, BIOTEST AG, INOTERAPII LAB

OC Artificial genence; Genes.
PN JP 1993244982-A/1

PD 24-SEP-1993
PP 06-DEC-1991 JP 1991323119
PP NOF-DEC-1991 JP 1991323119
PI NAKATANI TOMOSUKE, GOMI HIDEXUKI, JIXON WAIDENESU, PI
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PC C12P21/08,A61K39/395//C12N5/10,C12N15/13,G01N33/577; CC
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Best Local Similarity 85.0%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
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    .22
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    /db_xref="taxon:32630"

    .21
    forganism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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hypothetical: No;
anti-sense: No.
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CC topology: Linear
CC hypothetical: No
CC anti-sense: No.
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JP 1993244982-A/1.
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synthetic construct
synthetic construct
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artificial squences.

I (bases 1 to 22)
I (bases 1 to 22)

Yanagawa, H., Doi, N., Miyamoto, E., Hideaki, Takashima and Oyama, R.
C-terminus modified protein and process for producing the same,
modified protein, and method of detecting protein interaction by
using C-terminus modified protein
patent: w0 0246395-A 26 13-UNA-2002;
KEIO UNIVERSITY HIROSHI YANAGAWA, NOBUHIDE DOI, ETSUKO MIYAMOTO,
HIDEAKI TAKASHIMA, RIEKO OYAWA
OS Artificial Sequence
NN W0 0246395-A/26
PD 13-UNA-2002
PP 07-DEC-2000 UW 02001JP010731
PR 07-DEC-2000 UW 02001JP010731
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PCR primer containing part of c-jun and 6-repeated His-tags FH Location/Qualifiers
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1 (bases 1 to 23)

1 sammgartneryJ.W., Foster,D.C., Grant,F.J. and Sprecher,C.A. Hematopoietic cytokine receptor
Patent: US 5792850-A 18 11-AUG-1998,
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llarity 85.0%; Pred. No. 3.4e+02;
Conservative 0; Mismatches 3; Indels
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Pred. No. 3.7e+02;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 18 from patent US 5792850.
AR022536.1 GI:3976598
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/wol_type="unassigned DNA"
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Novel polypeptides and nucleic acids encoding same
Patent: WO 0149729-A 68 12-JUL-2001;
Curagen Corporation (US)
Location/Qualifiers
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G-protein coupled receptors and nucleic acids encoding same Patent: WO 02059313-A 419 01-AUG-2002;
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BD169735.1 G1:27875547
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Pred. No. 3.4e+02;
0; Mismatches 3; Indels
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|note="PCR Primer Sequence"
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Sequence 419 from Patent WO02059313.
AX703190
Sequence 68 from Patent WO0149729.
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Location/Qualifiers
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AX192252.1 GI:15210258
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Query Match Best Local

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PAT 13-MAY-1997

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       PI KYOKO TAKAHASHI, CHIHARU NISHIYAMA, TOMOYASU TSURA PC C12N15/09, A61K45/00, A61K48/00, A61P37/08, C12N5/10, C12Q1/68, PC G01N33/15, G01N33/566//C07K14/705, C12N15/00, C12N5/00 CC FH Key Location/Qualifiers Location/Qualifiers // C7ganism='Homo sapiens (human)'.
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Tornell, J. Birger. Fredrik.
Transgenic non-human mammals that express human BSSL/CEL
Patent: US 5716817-A 25 10-FEB-1998;
Location/Qualifiers
                                                                                                                                 ce 1.23 /organism='Homo sapiens (human)'. Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                    Query Match 0.9%; Score 15.2; DB 1; Length 23; Best Local Similarity 85.0%; Pred. No. 3.7e+02; Matches 17; Conservative 0; Mismatches 3; Indels
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Best Local Similarity 85.0%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels
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Sequence 25 from patent US 5616483.
138915. 131:2083393
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/organiem="unknown"
/mol_type="unassigned DNA"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Cottarel, G., Damagnez, V. and Draetta, G.
Nucleic acid encoding a Candida cell cycle regulatory protein, TYP1
Polypeptide
Patent: Location/Qualifiers
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1 (bases 1 to 23)
Takahashi, K., Nishiyama, C. and Teura, T.

DNA containing transcriptional activation region of gene Patent: JP 2001057889-A 1 06-MAR-2001;
ASAHI BREWERLES LTD, TOWYASU AMI
OS Homo sapiens (human)
NJP 2001057889-A/1
PD 06-MAR-2001
PP 23-AUG-1999 UP 1999234854
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Baumgartner,J.W., Foster,D.C., Grant,F.J. and Sprecher,C.A.
Hematopoietic Cytokine receptor
Patent: US 6080460-A 18 27-JUN-2000;
Location/Qualifiers
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E62995
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Best Local Similarity 85.0%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indele
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tive 3; Mismatches 6;
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Sequence 18 from patent US 6080406.
AR099909. GI:12810357
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
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  GI:5954909
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Homo sapiens (human)
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/organism='Artificial Sequence'
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="texon:32630"
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/organism="unknown"
/mol_type="unassigned DNA"

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Sequence 10 from patent US 5998206.
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1 CCAACCAAGACACCAA 20
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JP 2002509733-A/3.
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1 (bases 1 to 18)
Cowsert, L.M.
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Patent: JP 2001321190-A 292 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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0.9%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 3.7e+02;
Matches 17; Conservative 0: Mismatches
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Location/Qualifiers
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/organism="synthetic construct"
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Ruffner, D.E., Pierce, M.L. and Chen, Z.
Directed antisense libraries
Patent: US 6586180-A 3 01-UUL-2003;
Location/Qualifiers
                                                                                                                                                                 AR349567 23 bp
Sequence 3 from patent US 6586180.
AR349567
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A method of arraying genome clone.
BD088048
BD088048.1 GI:22633658
JP 2001321190-A/292.
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/mol_type="genomic DNA"
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JP 2001321190-A/292
20-NOV-2001
12-MAR-2001 JP 2001068285
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                       349 ATGGGGTCTGATGGGGAGAG 368
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                                                               22 ATGGGGTCTGGGTGGGAGAG 3
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artificial sequences.
1 (bases 1 to 23)
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Best Local Similarity 85.0°
Matches 17; Conservative
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Unclassified.
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21 bp 1
Sequence 29 from patent US 5833976.
AR052905
AR052905.1 GI:5977767
                                                                                                                                         /organism="unidentified"
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AR052905
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artificial sequences.
1 (bases 1 to 20)
Cerutti,P.A., Felley-Bosco,E., Sandy,M., Amstad,P., Zijlstra,J. and Pourzand,C.
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                                           PAT 15-MAY-2001
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                                                                                                                                           Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                   Robbins,J.M. and Tritz,R. Stbozyme therapy for the treatment of proliferative skin and eye
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Patent: BP 0461496-A 7 18-DEC-1991;
BEHRINGWERKE Aktiengesellschaft
Location/Qualifiers
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//db raref="teaxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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IMMUSOL, INC. (US)
                                     19 bp I
Sequence 204 from Patent WO0130362.
AX128986
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Sequence 50 from Patent WO9629091.
A56992
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Location/Qualifiers
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A17886
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A56992
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Stanley, M.A. and Scarpini, C.G.
TREATMENT OF PAPTILOMAVIRUS-ASSOCIATED LESIONS USING INTERLEUKIN-12
PATENT: WO 9629091-85 20 26-SEP-1996;
UNIV CAMBRIDGE TECH (GB)
Other publication AU 5151596 961008.
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Cerutti, P.A., Felley-Bosco, E., Sandy, M., Amstad, P., Zijlstra, J. and
Pourzand, C.
Method for the quantitative determination of DNA sequences
Patent: US 6337182-A 7 08-JAN-2002;
Location/Qualifiers
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Malefy-tade, Waal., Howard, M., Hsu, D.-H., Ishida, H., O'Garra, A.,
Spits, H. and Zlotnik, A.
Use of interleukin-10 (IL-10) to treat endotoxin- or
superantigen-induced toxicity
Patent: US 5333976-A 29 10-NOV-1998;
Location/Qualifiers
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0.9%; Score 15; DB 1; Lu
Best Local Similarity 100.0%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 0;
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PAT 06-MAR-1998
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and Mccarthy, J.J.
Single nuclectide polymorphisms in genes
Patent: WO 0118250-A 1729 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
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1 (Dases 1 to 23)
Simmonds,P., Chan,S.-W. and Yap,P.Lee.
Spanitis-C virus testing
Patent: US 5763159-A 39 09-JUN-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Jepson, I. and Paine, J.A.
DNA CONSTRUCTS
PATCHT: WO 9706268-A 7 20-FEB-1997;
ZENECA LID (GB)

    .23
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Sequence 39 from patent US 5763159.
AR011630.1 GI:3969620
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Sequence 7 from Patent WO9706268.
A59866
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Location/Qualifiers
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 AX096551
AX096551.1 GI:13512805
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                                                  Homo sapiens (human)
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De Waal Malefyt,R., Howard,M., Hsu,D.-H., Ishida,H., O'Garra,A., Spits,H. and Zlotnik,A.
Spits,H. and Laterleukin-10 analogs for antagonists to treat endotoxin-or superantigen-induced toxicity
Patent: US 5837293-A 29 17-NOV-1998;
                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 21)
De Waal Malefyr,R., Howard,M., Hsu,D.-H., Ishida,H., O'Garra,A., Spits,H. and Zlotnik,A.
Use of an interleukin-10 antagonist to treat a B cell mediated autoimmune disorder
Patent: US 5837232-A 29 17-NOV-1998;
Location/Qualifiers
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/organism="unknown"
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                                                                                                                                                                                          AR054268 21 bp I
Sequence 29 from patent US 5837232.
AR054268
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/organism="unknown"
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Sequence 29 from patent US 5837293.
AR054470.1 GI:5980047
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PAT 17-JUL-2003

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C1201/02,C12Q1/68,G01N33/53,G01N33/53,G01N33/566,C12N15/00, PC
C12N15/00,
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                                                                                                                                                                                                                                                                                                                                                                             synthetic construct
synthetic construct
artificial sequences.
I (bases 1 to 23)
Brunkow,M.E., Galas,D.J., Kovacevich,B., Mulligan,J.T.,
Paeper,B.W., Ness,J.V. and Winkler,D.G.
Compositions and methods for increasing bone mineralization
Patent: JP 20025311090-A 13 24-SEP-2002;
                                                                                                                                                                                                                                                                            EUZSI918 23 bp DNA linear PAT 17-J
Compositions and methods for increasing bone mineralization.
BD251918

    .23
    /organism='Artificial Sequence'.

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/mol_type="genomic DNA"
/db_xref="taxon:32630"

    .23
        /organism="synthetic construct"
/mol type="genomic DNA"
        /db_xref="taxon:32630"

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Pred. No. 4e+02;
0; Mismatches
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Sequence 21 from patent US 6489445.
AR259004
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JP 2002531090-A/13
24-SEP-2002
24-NOV-1999 UP 2000585404
27-NOV-1998 US 60/11028
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JP 2002531090-A/13.
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1 Similarity 78.3%;
18; Conservative (
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PC C12N15/09,A61K45/00,A61P9/10,A61P11/06,A61P25/28,A61P29/00, PC
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Location/Qualifiers
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Liu, Q. and Sommer, S.S.
Bidirectional PCR amplification of specific alleles
Patent: US 6207425-A 42 27-MAR-2001;
                                                                                       Query Match 0.9%; Score 15; DB 1; Length 23; Best Local Similarity 78.3%; Pred. No. 4e+02; Matches 18; Conservative 0; Mismatches 5; Indels
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JP 2002526091-A/5
20-AMG-2002
15-SEP-1999 JP 2000574293
19-SEP-1998 GB 9820339.1,10-NOV-1998 GB
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Sequence 42 from patent US 6207425.
AR140045
                 1. .23
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PP 2005256091-A/5.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 23)
Morten, J.E.N.
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BD227731
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PAT 20-DEC-2002

REFERENCE AUTHORS

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PAT 12-JUN-2003
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Brunkow, M. B., Galas, D.J., Kovacevich, B., Mulligan, J.T.,
Brunkow, M. B., Galas, D.J., Kovacevich, B., Mulligan, J.T.,
Nucleic acids encoding a novel family of TGF-. beta. binding
proteins from humans
Patent: US 6395511.A 21 28-WAY-2002;
Location/Qualifiers
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Cowmert, L.M.
Antisense inhibition of cyclin D2 expression
Patent: US 6492173-A 24 10-DEC-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.8%; Score 14.8; DB 1;
88.9%; Pred. No. 3e+02;
rative 0; Mismatches 2;
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ilarity 78.3%; Pred. No. 4e+02;
Conservative 0; Mismatches
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Sequence 24 from patent US 6492173.
AR266212
                                                                                         23 bp
Sequence 21 from patent US 6395511.
AR371677
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/organism="unknown"
/wol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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992 AGAACCTGCTCATCAACG 1009
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Matches 16; Conservative
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Unclassified.
1 (bases 1 to 23)
Pasternak, G. and Pan,Y.-X.
Identification and characterization of multiple splice variants of the mu-opioid receptor gene patent: US 6500927-A 43 31-DEC-2002;
Location/Qualifiers
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I (bases 1 to 23)
Brunkow, M.E., Galas, D.J., Kovacevich, B., Mulligan, J.T.,
Paeger, B.W., Ness, J.V. and Winkler, D.G.
Compositions and methods for increasing bone mineralization
Patent: US 6495736-A 21 17-DEC-2002;
   1 (bases 1 to 23)
Brunkow,M.E., Galas,D.J., Kovacevich,B., Mulligan,J.T.,
Paeper,B.W., Van Ness,J. and Winkler,D.G.
Polypeptides associated with alterations in bone density
Patent: US 6489445-A 21 03-DEC-2002;
Location/Qualifiers
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Best Local Similarity 78.3%; Pred. No. 4e+0
Matches 18; Conservative 0; Mismatches
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Sequence 43 from patent US 6500927.
AR269406
AR269406.1 GI:29700567
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Sequence 21 from patent US 6495736.
AR267477
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/wol_type="genomic DNA"
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/organism="unknown"
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AR269406/c
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1029 GGCTGACTTTGGCCTGGC 1046
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ilarity 88.9%;
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Matches 16; Conserv
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Ribozyme therapy for the treatment of proliferative skin and eye diseases
Patent: WO 0130362-A 4270 03-MAY-2001;
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 6537751-A 11527 25-MAR-2003;
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/nocle="Hammerhead ribozyme recognition site
/kinse="
                                                                                                                                  0.8%; Score 14.8; DB 1; Length 18; 88.9%; Pred. No. 3e+02; ve 0; Mismatches 2; Indels
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Pred. No. 3e+02;
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IMMUSOL, INC. (US)
Location/Qualifiers
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Sequence 4270 from Patent WO0130362.
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                                                                                1. .18
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    Location/Qualifiers
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AX133052.1 GI:14139362
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Butele
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/db_xref="taxon:9606"
/note="Hammerhead ribozyme recognition site for
kinase"
/db xref="taxon:9606"
/note="Hammerhead ribozyme recognition site for
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"mol type="unassigned DNA"
|db_xref="texton:9606"
|nofe="Cdk2 ribozyme binding site"
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                                                                         Score 14.8; DB 1;
Pred. No. 3e+02;
0; Mismatches 2;
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88.9%; Pred. No. 3.3e+02;
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0.8%; Score 14.8; DB 1
Best Local Similarity 88.9%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches
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IMMUSOL, INC. (US)
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IMMUSOL, INC. (US)
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Sequence 4272 from Patent WO0130362.
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                          PAT 29-SEP-1995
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1 (Dases 1 to 20)

1 (Dases 2 to 20)

1 (Dases 3 to 20)

Horikawa, Y. and Menzel, S. Mutations in the diabetes susceptibility genes hepatocyte nuclear factor (HNF) 1 alpha (.alpha.), HNF1.beta. and HNF4.alpha
                                                                                                                                                                           METHOD OF DESCRIBING REPERTOIRES OF ANTIBODIES (Ab) AND T CELL RECEPTORS (TCR) OF THE IMMUNE SYSTEM OF AN INDIVIDUAL Patent: WO 9212260-A 22 23-JUL-1992;
Location/Qualifiers
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88.9%; Pred. No. 3.6e+02;
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88.9%; Pred. No. 3.6e+02;
tive 0; Mismatches 2;
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Antisense modulation of stat3 expression
Patent: US 6159694-A 27 12-DEC-2000;
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 72 from patent US 6187533.
AR129489.1 GI:14117386
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Sequence 27 from patent US 6159694.
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/organism="unknown"
/mol_type="unassigned DNA"
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Synthetic V-delta 6 primer.
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AR121006.1 GI:14104582
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synthetic construct
artificial sequences.
1 (bases 1 to 20)
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1 (bases 1 to 20)
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Matches 16; Conservative
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Matches 16; Conserv
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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88.9%; Pred. No. 3.3e+02;
tive 0; Mismatches 2; Indels
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/mol type="unassigned DNA"
DA xref="taxon:9606"
/noFe="Cyclin D1 ribozyme binding site"
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IMMUSOL, INC. (US)
Location/Qualifiers
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Patent: WO 0130362-A 585 03-MAY-2001;
IMMUSOL, INC. (US)
Location/Qualifiers
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AX130634
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Sequence 585 from Patent WO0130362.
AX129367.
AX129367.1 GI:14135672
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BD271134.1

BD271134.1

GI:33080902

JD 2002539758-A/6.

Synthetic construct

artificial sequences.

I (base 1 to 20.

Torrent, C., Yeh, P., Perricaudet, M., Klatzmann, D. and Salzmann, J.L.

Methods and compositions for the production of viral particles

AVENTIC PHARMA SA, GENOPOLETIC

OS Artificial Sequence

PN W P2 2002539758-A/6

PD 26-NOV-2002

PF 18-MAY-1999 UP 2000549750

PR 18-MAY-1999 PR 98/06258
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Methods and compositions for the production of viral particles.
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CHRISTOPHE TORRENT, PATRICE YEH, MICHEL PERRICAUDET, DAVID
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Attie, K.M., Carlsson, L.M.S., Gesundheit, N. and Goddard, A.
Treatment of partial growth hormone insensitivity syndrome
Patent: US 620/540-A 35 27-MAR-2001;
Location/Qualifiers
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PI JEAN LOUP SALZMANN
PC CL2N15/09,C12N5/10,C12N7/00,C12N15/00,C12N5/00 (
DESCRIPTION Of Artificial Sequence: Oligonucleotide
Location/Qualifiers
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18.9%; Pred. No. 3.6e+02;
ve 0; Mismatches 2; Indel8
                                                                                                                                                          Query Match 0.8%; Score 14.8; DB 1; Length 20; Best Local Similarity 88.9%; Pred. No. 3.6e+02; Matches 16; Conservative 0; Mismatches 2; Indels
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Patent: US 6187533-A 72 13-FEB-2001;
Location/Qualifiers
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                                                                                                          /mol_type="unassigned DNA"
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Best Local Similarity 88.9
Matches 16; Conservative
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be 0.049
Gene encoding 1,5-anhydroglucitol dehydrogenase, recombinant vector containing said gene, transformant containing said recombinant vector vector, and recombinant 1,5-anhydroglucitol dehydrogenase protein obtained from said transformant Gene encoding 1,5-anhydroglucitol dehydrogenase, recombinant vector containing said gene, transformant dene encoding 1,5-anhydroglucitol transformant vector containing said gene, transformant containing said recombinant vector, and recombinant transformant.
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ISIS PHARMACETICALS INC
OS Artificial Sequence
PD 10-DEC-2002
PP 06-APR-2000 UP 2000611544
PR 08-APR-1999 US 09/288461
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Antisense oligonucleotide modulation of STAT3 expression.
BD272627
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88.9%; Pred. No. 3.6e+02;
                                                                                         Score 14.8; DB 1;
Pred. No. 3.6e+02;

    .20
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|mol_type="genomic DNA"
|db_xref="taxon:32630"

/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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JP 2002541784-A/27.
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1 (bases 1 to 20)
Karras, J.G.
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JP 2000316570-A/19.
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l Similarity 88.9%;
16; Conservative
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/mol_type="genomic DNA"
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JP 2001321190-A/2602.
synthetic construct
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1 (bases 1 to 20)
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                 Unclassified.
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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ACCESSION
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BD090358
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VERSION
KEYWORDS
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TITLE
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E 1 (bases 1 to 20)

Kanetani, K., Miyoshi, M., Ebinuma, H., Mori, A. and Ushizawa, K.

Gene encoding 1,5-anhydroglucitol dehydrogenase, recombinant vector
containing said gene, transformant containing said recombinant
vector, and recombinant 1,5-anhydroglucitol dehydrogenase protein
obtained from said transformant
DAIICHI PURE CHEMICALS CO LTD
OS Artificial Sequence
PN JP 2000316570-A,19
PD 21NOV-2000
PR 13-MAY-1999 JP 1999133157
PR PR 13-MAY-1999 JP 1999133157
PR PR PR PRINTMAKOTO MIYOSHI, HIROYUKI EBINUMA, ATSUO MORI, PI
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Kourilsky, P., Pannetier, C. and Cochet, M.
Method for describing the repertoires of antibodies (Ab) and T-cell receptors (TCR) of an individual's immune system Patent: US 5635354-A 22 03-UN-1997;

Location/Qualifiers
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88.9%; Pred. No. 3.6e+02;
ve 0; Mismatches 2; Indels
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Pred. No. 3.6e+02;
0; Mismatches 2; Indels
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/organism="synthetic construct"
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AR258494
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/organism="unknown"
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16; Conservative
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88.9%;
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144664.1 GI:2469377
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Unclassified.
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Best Local Similarity
Matches 16; Conserv
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AR258494/c
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Methods and compositions for producing viral particles
Patent: WO 9960144-A 6 25-NOV-1999;
GENOPOISTIC S.A.R. L.(FR.); YEH PATRICE (FR.); KLATZMANN DAVID (FR.);
PERRICAUDET MICHEL (FR.); THONE POULENC RORER SA (FR.); SALZMANN JEAN
LOUP (FR.); TORRERY CHRISTOPHE (FR.)
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1 (bases 1 to 20)

Torrent, C., Yeh, P., Perricaudet, M., Klatzmann, D. and Salzmann, J.-L., Methods and compositions for producing viral particles
Patent: US 6489142-A 6 03-DEC-2002;
Location/Qualifiers
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Patent: JP 2001321190-A 2602 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
OS Artificial Sequence
PN JP 2001321190-A/2602
PD 20-NOV-2001
PF 12-MAR-2001
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88.9%; Pred. No. 3.6e+02;
ative 0; Mismatches 2;
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88.9%; Pred. No. 3.6e+02;
trive 0; Mismatches 2;
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Sequence 6 from Patent W09960144.
AX009720
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Gaps

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Indels

PAT 30-MAR-2001

linear

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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mccarrhy, J.J.
Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 2259 15-MAR-2001;
                                                        Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and Mccarthy, J.J.
Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 7 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
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Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 136 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
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                                                                                                                                                                                                                                                                     0.8%; Score 14.8; DB 1; Length 21; 10.0%; Pred. No. 3.9e+02;
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Sequence 2259 from Patent WO0118250.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                   /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Best Local Similarity 80.0*;
Matches 16; Conservative
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AX094958
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| Elichi SOEDA
| Clanis/09,Clanis/09,Clami/00,Claqi/68,G0ln33/53,G0ln33/566, PC
| Clanis/00,
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Description of Artificial Sequence: Synthetic DNA FH
Location/Qualifiers
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                                                                          Description of Artificial Sequence:Synthetic DNA Location/Qualifiers source 1..20
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/organism='Artificial Sequence'
Location/Qualifiers
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Pred. No. 3.6e+02;
0; Mismatches 2; Indels
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    ^coganism="synthetic construct"
    ^mol_type="genomic DNA"
    ^db_xref="taxon:32630"

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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Patent: WO 02072815-A 236 19-SEP-2002;
BIICHI SOEDA,TAKESHI KUKITA
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A method of arraying genome clone.
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WO 02072815-A/236
19-SEP-2002
17-MAY-2001 WO 2001JP004139
12-MAR-2001 JP 01P 68285
                                                                                                                                                    Location/Qualifiers
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WO 02072815-A/236.
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artificial sequences.
1 (bases 1 to 20)
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Best Local Similarity 88.9%;
Matches 16; Conservative
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Homo sapiens
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BD176436
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AX094829
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El (bases 1 to 22)
El Admina animal having modified foreign chromosomal or slice
L Patent: JP 2001231403-A 20 28-AUG-2001;
KIRIN BERR KK
OS Artificial Sequence
PN JP 2001231403-A/20
PD 28-AUG-2001
PP 18-FEB-2000 JP 2000042074
PI KAZUMA TOMIZUKA,HITOSHI YOSHIDA,ISAO ISHIDA,YOSHIMI KUROIWA PC
A01867/027,C12NS/10,C12NIS/09//(C12NS/10,C12NIS/19), (C12NIS/09, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CI2R1.91),
CI2N5/00,CI2N15/00,(CI2N5/00,CI2R1:91),(CI2N15/00,CI2R1:91) CC
Description of Artificial Sequence: Primer
Location/Qualifiers.
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Tomizuka,K., Yoshida,H., Hanaoka,K., Oshimura,M. and Ishida,I.
Chimeric mice that are produced by microcell mediated chromosome
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                        ce 1.22
/organism='Artificial Sequence'.
Location/Qualifiers
                                                                                                                                                               Length 22;
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                                                                                                                                                               Score 14.8; DB 1;
Pred. No. 4.2e+02;
0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
               Location/Qualifiers
                                                                                              /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 6 from patent US 6632976.
AR409518 GI:40160491
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A01K67/027,C12N5/10,C12N15/02,C12P21/08,C12N5/00,C12N15/00 CC
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WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
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JP 1999313576-A/6.

synthetic construct
synthetic construct
artificial sequences.

(kazuma, T., Hitoshi, Y., Kazunori, H., Mitsuo, O. and Isao, I.
Chimeric animal and method for constructing the same
Patent: JP 199313576-A 6 16-NOV-1999;
KIRIN BREWERY CO LTD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  KAZUMA TOMIZUKA, HITOSHI YOSHIDA, KAZUNORI HANAOKA, PI
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B38856
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88.9%; Pred. No. 3.9e+02;
iive 0; Mismatches 2; Indels
                                                                                                                              0.8%; Score 14.8; DB 1; Length 21; 80.0%; Pred. No. 3.9e+02; tive 1; Mismatches 3; Indels
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Patent: WO 02059248-A 9 01-AUG-2002;
The Regents of the University of California (US)
Location/Qualifiers
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/db_xref="teaxon:32630"
/note="PCR primer"
                                                                                                                                                                                                                                                                                                                          DNA
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/db_xref="taxon:9606"
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Sequence 9 from Patent WO02059248.
AX708184
AX708184.1 GI:29564110
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                 Pharmaceuticals, Inc. (US)
Location/Qualifiers
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16-NOV-1999
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Best Local Similarity 88.9;
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Best Local Similarity
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PN JP 1.
PD 16-NV
PF 23-M
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Length 22;

PAT 18-DEC-2003

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/organism="synthetic construct"
Mol type="unassigned DNA"
/db xref="trans-32650"
/note="bescription of Artificial Sequence: oligonucleotide"
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KAZUHIRO YAWAKAWA
C12N15/09,C12Q1/68,C12N15/00
Synthetic DNA, reverse primer for exon 3 amplification FH
Location/Qualifiers.
Location/Qualifiers.
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BD061543

JP 2001292775-A/10.

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     Length 22;
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Query Match 0.8%; Score 14.8; DB 1;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2;

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    forganism="synthetic construct"
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|db_xref="taxon:32630"

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Sequence 315 from Patent WO02068652.
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AX921322.1 GI:40214943
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AX921322
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Malyankar,U.M., Tchernev,V.T., Vernet,C.A., Spytek,K.A.,
Shenoy,S.G., Alsobrook,J.P., Edinger,S., Peyman,J.A., Stone,D.J.,
Ellerman,K., Gangolli,E.A., Boldog,F.L., Colman,S.D., Eisen,A.J.,
Liu,X., Padigaru,M., Spaderna,S.K. and Zerhusen,B.D.
Proteins and nucleic acids encoding same
Patent: WO 0246409-A 246 13-JUN-2002;
Curagen Corporation (US)
Location/Qualifiers
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88.9%; Pred. No. 4.2e+02;
tive 0; Mismatches 2; Indels
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     transfer and that retain a human antibody gene Patent: US 6632976-A 6 14-OCT-2003; Location/Qualifiers
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/organism="synthetic construct"
/mol type="unassigned DNA"
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/organism="synthetic construct"
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/db_xref="taxon:32630"
/note="CHEMICALLY SYNTHESIZED"
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AX591885
                                                                                                                   /organism="unknown"
/mol_type="genomic DNA"
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Seguence 2062 from Patent AX116939
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(Loases 1 to 21)

Pedersen, O. Bi.o slashed.rb.ae butted.k,C. and Frederiksen,K.Almind.

Mutant DNA encoding insulin receptor substrate 1 Patent: US 5827730-A 9 27-0CT-1998;

Location/Qualifiers
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Patent: WO 9302195-A 11 04-FEB-1993;
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Sequence 52 from patent US 5981185.
AR084563.1 GI:10011334

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 Mismatches
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Sequence 9 from patent US 5827730.
AR050638 1 GI:5973363
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                                                                                                                  DOGC00203A 22 bp DNA linear STS 10-APR-1996 Canis familiaris STS microsatellite marker (repeat motif in reference clone (AC)17) DNA, sequence tagged site.
                                                                                                                                                                                                                                                                                                                                                                                                           Hotstart, touchdown PCR. Starting at 60 C, decreasing by one degree for 10 cycles, 25 further cylces at 52. Motif and size of product as found in the reference dog.

Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Carnivora; Fissipedia; Canidae; Canis.

1 (bases 1 to 22)

Yuzbaaiyan-Gurkan,V., Cao,Y., Gurkan,M., Yuxun,W., Venta,P.J., Brewer,G.J. and Blanton,S.H.

Microsatelite markers for the canine genome
Unpublished (1996)
                                                                                                                                                                                                                                                                                                                                                                        Original source text: Canis familiaris female adult peripheral
blood DNA.
                                                                                                                                                                       177523.
177523.1 GI:1261647
STS; PCR identification; microsatellite; sequence tagged site.
Canis familiaris (dog)
Canis familiaris
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Method for the amplification of hla class i alleles
Patent: WO 061795-A 30 19-0CT-2000;
CANCK ILSE DE (BE); ROSSAU RUDI (BE); INNOGENETICS NV (BE)
ROMBOUT ANNELIES (BE)
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Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /sex="female"
/cell_type="white blood cells"
/tissue_type="peripheral blood"
dev_stage="adult"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Canis familiaris"
/mol_type="genomic DNA"
/db_xref="taxon:9615"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 30 from Patent W00061795.
AX038273
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/note="product size 162"
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     228 GAGIGGIGGIGGIGGCGG 245
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                        AX038273.1 GI:11227621
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Best Local Similarity
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ORGANISM

REFERENCE AUTHORS

TITLE JOURNAL

FEATURES

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Unclassified.

1 (bases 1 to 21)

Tsarev,S.A., Emerson,S.U. and Purcell,R.H.
Recombinant proteins of a Pakistani strain of hepatitis E and their
use in diagnostic methods and vaccines
Patent: US 6287759-A 29 11-SEP-2001;
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1 (bases 1 to 21)
Taylor, E.Will., Nadimpalli, R.Gopal. and Ramanathan, C.Sekar. Selenoproteins, coding sequences and methods
Patent: US 6303295-A 134 16-OCT-2001;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 21)
Taylor, E. Will., Nadimpalli, R. Gopal. and Ramanathan, C. Sekar.
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0.8%; Score 14.6; DB 1;
Best Local Similarity 81.0%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 4;
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Sequence 136 from patent US 6303295.
AR172269
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Sequence 134 from patent US 6303295.
AR172267
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/mol_type="unassigned DNA"
                                                                                            AR167495 21 bp Sequence 29 from patent US 6287759. AR167495. GI:17903277
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/organism="unknown"
/mol_type="unassigned DNA"
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Recombinant proteins of a Pakistani strain of hepatitis E and their
use in diagnostic methods and vaccines
Patent: US $207416-A 29,27-MAR-2001;
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Unclassified.
1 (bases 1 to 21)
1 (bases 1 to 21)
Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
Oligomuclectide repeat arrays
Patent: US 5981185-A 52 09-NOV-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 21)
Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas. Oligonuclectide repeat arrays
Patent: US 5981185-A 56 09-NOV-1999;
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81.0%; Pred. No. 4.3e+02;
tive 0; Mismatches 4; Indels
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                                                                                                                              /organism="unknown"
/mol_type="unassigned DNA"
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Seguence 56 from patent US 5981185.
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Best Local Similarity 81.0
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PAT 17-DEC-2001

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AR172271 LOCUS

ORGANISM

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AUTHORS TITLE JOURNAL FEATURES

REFERENCE

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RESULT 268

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[ [bases 1 to 21)
Emerson, S.U., Purcell, R.H., Tsarev, S.A. and Robinson, R.A.
Recombinant proteins of a Pakistani strain of hepatitis E and their
use in diagnostic methods and vaccines
Patent: US 6458562-A 29 01-OCT-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 21)
Bennett, C.F. and Watt, A.T.
Antisense modulation of tumor necrosis factor receptor 2 expression
Patent: US 6410324-A 4 25-UUN-2002;
                                                                                                                                          Unclassified.

1 (bases 1 to 21)

1 Taylor, E.Will., Nadimpalli, R.Gopal. and Ramanathan, C.Sekar. Selenoproteins, coding sequences and methods
Patent: US 6303295-A 144 16-OCT-2001,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.8%; Score 14.6; DB 1; Length 21;
81.0%; Pred. No. 4.3e+02;
ative 0; Mismatches 4; Indels
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ilarity 81.0%; Pred. No. 4.3e+02;
Conservative 0; Mismatches 4;
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                 21 bp Dr
Sequence 144 from patent US 6303295.
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Sequence 29 from patent US 6458562.
AR234219
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Sequence 4 from patent US 6410324.
AR215689
AR215689.1 GI:23313945
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                                                                        AR172277.1 GI:17911768
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Best Local Similarity 81.0
Matches 17; Conservative
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Taylor, E.Will., Nadimpalli, R.Gopal. and Ramanathan, C.Sekar.
Selenoproteins, coding sequences and methods
Patent: US 630325-A 138 16-0CT-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 21)
Taylor, E. Will., Nadimpalli, R. Gopal. and Ramanathan, C. Sekar. Selenoproteins, coding sequences and methods
Patent: US 6302355-A 137 16-OCT-2001;
Location/Qualifiers
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Selenoproteins, coding sequences and methods
Patent: US 6303295-A 136 16-OCT-2001;
Location/Qualifiers
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AR172270.
AR172270.1 GI:17911761
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                                                                                        /mol_type="unassigned DNA"
                                                                        /organism="unknown"
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/organism="unknown"

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PAT 17-JAN-2001
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Equine granulocyte-macrophage colony-stimulating factor (gm-csf)
Patent: WO 0077210-A 4 21-DEC-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          De Canck, I.D., Rossau, R. and Rombout, A.
Method for the amplification of hla class i alleles
Patent: WO 061795-A 31 19-OCT-2000;
CANCK ILSE DE (BE); ROSSAU RUDI (BE); INNOGENETICS NV (BE)
ROMBOUT ANNELIES (BE)
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                                                                                             1 (bases 1 to 21)
Bublot, M., Perez, J.M. and Andreoni, C.M.P., Nucleic acids encodings equine GW-CSF patent: US 6645740-A 4 11-NOV-2003;
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    .21
    /organism="Homo sapiens"
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    /db_xref="taxon:9606"

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Sequence 31 from Patent WO0061795.
AX038274
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Sequence 4 from Patent WO0077210.
AX057386
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AR429720.1 GI:40190057
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AX038274/c
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Bhallelic markers for use in constructing a high density disequilibrium map of the human genome
Patent: US 6537751-A 10136 25-WAR-2003;
                                                                                                                                                                                                                                                                                                                                                    Cohen, D., Chumakov, I. and Blumenfeld, M.

Biallelic markers for use in constructing a high density disequilibrium may of the human genome Patent: US 6537751-A 7806 25-MAR-2003;

Location/Qualifiers
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Best Local Similarity 81.0%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 4; Indels
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81.0%; Pred. No. 4.3e+02;
tive 0; Mismatches 4; Indels
                                  Score 14.6; DB 1; Length 21; Pred. No. 4.3e+02; 0; Mismatches 4; Indels
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AR296071.
AR296071.1 GI:31683355
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Sequence 4 from patent US 6645740.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Novel family of mechanically sensitive human potassium channels
activated by polyunsaturated fatty acids and use thereof
Patent: WO 0186870-A 9 20-SEP-2001,
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                     Lazdunski,M., Lesage,F. and Maingret,F.
Novel family of mechanically sensitive human potassium channels activated by polyunsaturated fatty acids and use thereof activated by olyunsaturated fatty acids and use thereof Patent: WO 0168670-A 6 20-SEP-2001,
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR)
Location/Qualifiers
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1. 21
/note="Amorce anti-sens, issue de l'exon 6 de hTRAAK"
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0.8%; Score 14.6; DB 1;
Best Local Similarity 81.0%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 4;
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/mol_type="unassigned DNA"
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1. 721
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Sequence 6 from Patent WO0168670.
AX250714
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223 GATGAGAGTGGTGGTGGC 243
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                               1 GATGACAGAGGTGGTCATGGC 21
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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trive 0; Mismatches 4; Indels
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0.8%; Score 14.6; DB 1;
Best Local Similarity 81.0%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 4;
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/mol type="unassigned DNA"
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Sequence 2810 from Patent WO0129262.
AX117687
AX117687.1 GI:14034638
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Sequence 1825 from Patent W00118250.
AX096647
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synthetic construct
artificial sequences.
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/organism="synthetic construct"
Mol type="unassigned DNA"
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/nb rafe="tassi2650"
/noFe="Description of Artificial Sequence: oligonucleotide
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1 (bases 1 to 21)

1 (bases 1 to 21)

1 (bases 2 to 21)

1 (bases 3 to 21)

1 (bases 3 to 21)

1 (bases 4 to 21)

1 (bases 5 to 21)

1 (bases 6 to 21)

1 (bases 7 to 21)

2 (bases 7 to 21)

1 (bases 7 to 21)
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Recombinant proteins of a pakistani strain of hepatitis E and
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SUZANNE U EMERSON, ROBERT H PURCELL, SERGEI A TSAREV, ROBIN
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                                             Nov-x proteins and nucleic acids encoding same Patent: WO 02068652-A 461 06-SEP-2002; Location/Qualifiers
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Location/Qualifiers
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Pred. No. 4.3e+02;
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0.8%; Score 14.6; DB 1;
Best Local Similarity 81.0%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 4;
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04-DEC-200
09-APR-1998 JP 1998544174
11-APR-1997 US 08/840316
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CC Topology: Linear;
CC Recombinant protei
CC diagnostic methods
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Matches 17; Conservative
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BD091813/c
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Method of determining susceptibility to inflammatory bowel disease
Patent: WO 03031651-A 22 17-APR-2003;
Oxagen Limited (GB)
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                                                                                                                                                                                                                                                                                                     Chang, C. Methods and compositions for predicting prostate cancer Patent: WO 0210452-A 17 07-FBB-2002; University of Rochester (US)
Location/Qualifiers
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81.0%; Pred. No. 4.3e+02;
tive 0; Mismatches 4; Indels
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    .21
    ^organism="synthetic construct"
    mol_type="unassigned DNA"
    /db_xref="taxon:32630"

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/organism="synthetic construct"
/mol_type="genomic DNA"
/db xref="texon:32630"
/noTe="Probe"
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1 (bases 1 to 22)

Habener, J.F. and Stoffers, D.A.

Composations and methods for detecting pancreatic disease
Patent: US 6274310-A 9 14-AUG-2001;

Location/Qualifiers
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Poirier, J.
APOLIPOPROTEIN E POLYMORPHISM AND ALZHEIMER'S DISEASE
            /organism='Artificial Sequence'
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0.8%; Score 14.6; DB 1;
Best Local Similarity 81.0%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 4;
                                                                                                                                                                                Score 14.6; DB 1;
Pred. No. 4.3e+02;
0; Mismatches 4;

    .21
    forganism="synthetic construct"
|mol type="genomic DNA"
|db_xref="taxon:32630"

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UNIV MCGILL (CA)
Other publication AU 1189395 950703
Other publication CA 2111503 950616.
Location/Qualifiers
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/mol_type="unassigned DNA"
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/db_xref="taxon:32644"
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Sequence 9 from patent US 6274310.
AR164576
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Sequence 5 from Patent WO9516791.
A45083.
A45083.1 GI:2299613
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S Nezu, J., Ose, A., Jishage, K. and Jenne, D.E.

LKEI gene knock out animal

LKEI gene knock out animal

LAST gene knock out animal

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INTO GRISS CO LTD, KAZUSA DNA RESEARCH INSTITUTE
OS Artificial Sequence
NN JP 200236696-A/46
PD 24-DEC-2002
PP 01-APR-2002 JP 2002099422
PP 01-APR-2002 JP 2002099422
PI RYOIGHI KIYAMA, KEISUKE KITAJIMA, SHINOBU OGUCHI, MICHIO OISHI,
PI TAKAHIRO NAGASE
PC C12N15/09, A61K31/711, A61K35/76, A61K38/00, A61K48/00, A61P35/00,
PC C1201/68,
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  PAT 27-AUG-2002
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synthetic construct
artificial sequences.
1 (bases 1 to 21)
Kiyama,R., Kitajima,K., Oguchi,S., Oishi,M., Ohara,O. and
Application of KIAA0172 gene functions for therapeutics,
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
    DNA
    21 bp
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                        LKB1 gene knock out animal.
BD091813
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JP 20023696-A/46.
                                                                  BD091813.1 GI:22637424
WO 0072670-A/6.
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synthetic construct
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PC A61K37/02
CC Description
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PAT 16-AUG-2002
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                                                                           Roemer,T., Jiang,B., Boone,C. and Bussey,H.
Gene disruption methodologies for drug target discovery
Patent: WO 0160975-A 388 23-AUG-2001;
Blitra Pharmaccuticals, Inc. (US)
Location/Qualifiers
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11.0%; Pred. No. 4.6e+02;
ve 0; Mismatches 4;
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0.8%; Score 14.6; DB 1;
Best Local Similarity 81.0%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 4;
                                                                                                                                                                                            /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="DNA primer"
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/organism="Candida albicans"
/mol type="unassigned DNA"
/db_xref="taxon:5476"

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Best Local Similarity 81.0°
Matches 17; Conservative
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AX486711/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method for the amplification of hla class i alleles
Patent: WO 0061795-A 32 19-0CT-2000;
CANCK ILSE DE (BE); ROSSAU RUDI (BE); INNOGENETICS NV (BE)
ROMBOUT ANNELIES (BE)
LOCATION/Qualifiers
                                                                                                                                                                                                                                           Unclassified.
1 (bases 1 to 22)
Wallner, B.P., Pinsky, B.R., Garwin, J.L., Schindler, D.G. and
                                                                                                                                                                                                                                                                                                         Huang, K. -S.

MAS SEQUENCES, RECOMBINANT DNA MOLECULES AND PROCESSES FOR PRODUCTING HUMAN LIPOCORTIN-LIKE POLYBEPTIDES
PATENT: WO 8604094-A 26 17-JUL-1986;
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Sequence 368 from Patent WO0160975.
AX241130
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Sequence 26 from Patent WO 8604094.
108420
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/db_xref="taxon:9606"
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Sequence 32 from Patent W00061795.
AX038275
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GAGCCACCAGCCCCAGAATC 2
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Homo sapiens
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Best Local Similarity
Matches 15; Conserva
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AX038275/c
LOCUS
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REFERENCE AUTHORS TITLE JOURNAL

FEATURES

RESULT 290

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PAT 27-JAN-2003

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Edinger, S.R., Macdougall, J.R., Millet, I., Ellerman, K., Stone, D.J., Gerlach, V.L., Grosse, W.M., Alsobrook, J.P., Lepley, D.M., Reiger, D.K., Burgess, C.E., Casman, S.J., Spytek, K.A., Boldog, F.L., Li, L., Padigaru, M., Mishra, V., Patturajan, M., Shenoy, S.K., Mastelli, L., Tchernev, V.T., Vernet, C.A., Zerhusen, B.D., Malyankar, U.M., Guo, X., Miller, C.E. and Gangolli, E.A. Endozephne like protein, polynucleotide encoding them and methods of using the same Patent: WO 0244211-A 39 06-JUN-2002; Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Edinger, S.R., Macdougall, J.R., Millet, I., Ellerman, K., Stone, D.J., Gerlach, V.L., Grosse, W.M., Alsobrook, J.P., Lepley, D.M., Reiger, D.K., Burgess, C.E., Casman, S.J., Spytek, K.A., Boldog, F.L., Li, L., Padigaru, M., Mishra, V., Patturrajan, M., Shenoy, S.K., Rastelli, L., Tchernev, V.T., Vernet, C.A., Zerhusen, B.D., Malyankar, U.M., Guo, X., Miller, C.E. and Gangolli, E.A. Endozepine like protein, polymucleotide encoding them and methods of using the same
Patent: WO 0244211-A 51 06-JUN-2002;
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                                                                                                                                                         ch 0.8%; Score 14.6; DB 1; Length 2 Similarity 81.0%; Pred. No. 4.6e+02; 17; Conservative 0; Mismatches 4; Indels
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Pred. No. 4.6e+02;
0; Mismatches 4;
                   1...22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR Primer Sequence"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 51 from Patent WO0244211.
AXS92024
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Sequence 39 from Patent WO0244211.
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Best Local Similarity 81.0%;
Matches 17; Conservative (
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Best Local Similarity
Matches 17; Conserv
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AX592012
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0.8%; Score 14.6; DB 1;
Best Local Similarity 81.0%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 4;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="texon:32630"
/note="PCR Primer Sequence"
1. .22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/note="oligonucleotide primer"
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Patent: WO 0244211-A 33 06-JUN-2002;
Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                        22 bp
Sequence 18 from Patent WO0244211.
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Sequence 33 from Patent WO0244211
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PAT 27-JAN-2003

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PAT 18-SEP-2002
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Novel acid procease with serine residue participating in the expression of the activity.

Novel acid procease with serine residue participating in the BD13863.

Novel acid 18-SEP-20
SYNThetic construct
NOVEL STORY SYNTH SERING IN THE STORY SYNTHETICIPATING IN THE SYNTHETIC SYNTHET
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JP 2002078489-A/21.
SM synthetic construct
sm synthetic construct
artificial sequences.

E 1 (bases 1 to 22)
S Murao, S., Oda, K., Ozaki, A. and Minoda, M.
Novel acid protease with serine residue participating in the expression of the activity
DAINA KASEI KK.
OS Artificial Sequence
PD 19-MAR-2002
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Novel acid protease with serine residue participating in the
expression of the activity.
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PN JP 2002078489-A/21
PD 19-MAR-2002
PP 04-SEP-2000 JP 2000267840
PI SAWAO MURAO, KOHEI ODA, AKIRA OZAKI, MASASHI MINODA PC C12N15/09, A61P1/14, A61P43/00, C12N9/52//A23L1/39, A61K38/46, PC C12N9/52, C12R1:19), C12N15/00, A61K37/54
CC Description of Artificial Sequence:synthesized FH Ke
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Description of Artificial Sequence:synthesized
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
  Mismatches
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17; Conservative
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BD133863/c
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DEFINITION
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BD133862
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     Matches
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Histone deacetylase 9
Histone deacetylase 9
Factur: Wo 03029451-A 18 10-APR-2003;
The Institute of Cancer Research (GB); Zelent, Arthur (GB)
Petrie, Kevin (GB); Guidez, Fabien (GB)
Location/Qualifiers
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0.8%; Score 14.6; DB 1;
Best Local Similarity 81.0%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 4;
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81.0%; Pred. No. 4.6e+02;
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0.8%; Score 14.6; DB 1;
Best Local Similarity 81.0%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 4;
                                                                         organism="synthetic construct"
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Patent: WO 02072882-A 1190 19-SEP-2002;
OGHAM GmbH (DE)
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Sequence 1190 from Patent W002072882.
AX610165 GI:28405594
                                                                                                /mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR Primer Sequence"
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AX743258
AX743258.1 GI:30577184
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
/db xref="taxon:9606"
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Curagen Corporation (US)
Location/Qualifiers
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AX610165
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PAT 29-SEP-1999
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                                                            Unknown.
Unclassified.
1 (bases 1 to 17)
1 (bases 1 to 17)
Chang, T. Wen. and Chang, N. T.
Method of producing an antibody with a peptide corresponding to membrane-bound IgA
Patent: US 5866129-A 5 02-FEB-1999;
Location/Qualifiers
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Canine .beta.-galactosidase gene and GMI-gangliosidosis
Patent: US 6140115-A 8 31-OCT-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                     0.8%; Score 14.4; DB 1; Length 17;
llarity 93.8%; Pred. No. 3.4e+02;
Conservative 0; Mismatches 1; Indels
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Stinchcomb,D.T. and McSwiggen,J.A.
Interleukin-2 receptor gamma-chain ribozymes
Patent: US 5807743-A 427 15-SBP-1998;
Location/Qualifiers
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Sequence 427 from patent US 5807743.
AR039579
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/mol_type="unassigned DNA"
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AR117430
AR117430.1 GI:14098336
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/organism="unknown"
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                      GI:5945485
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AR117430/c
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'note="transcribed as larger precursor, predicted to form
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Lagos-Quintana,M., Rauhut,R., Meyer,J., Borkhardt,A. and Tuschl,T. New microRNAs from mouse and human RNA 9 (2), 175-179 (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Submitted (07-MAY-2003) Rauhut R., Dep. of Cellular Biochemistry, Max Planck Institute for Biophysical Chemistry, Am Fassberg 11, Goettingen 37077, Germany related sequence: TI84055510 (Trace Archive).
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C12N15/09,A61PL/14,A61P43/00,C12N9/52//A23L1/39,A61K38/46, PC C12G3/02,
PC (C12N9/52,C12R1:19),C12N15/00,A61K37/54
CC Description of Artificial Sequence:synthesized FH Key Location/Qualifiers
FT source 1..22
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                                                                                                   /organism='Artificial Sequence'
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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microRNA miR-206; miR-206 gene; miRNA.
Mus musculus (house mouse)
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Sequence 5 from patent US 5866129.
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/mol_type="other RNA"
/db_xref="taxon:10090"
/tissue_type="skin"
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                                                                                                                                                                                                                                                                                                                                                                                                       22 E. Mus musculus microRNA miR-206. AJ560747
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gene="miR-206"
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/gene="miR-206"
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Direct Submission
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Gaps

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PAT 17-AUG-2003

DEFINITION ACCESSION VERSION KEYWORDS

RESULT 305

117197/c LOCUS

Matches

ORGANISM

SOURCE

AUTHORS TITLE

JOURNAL

REFERENCE

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1 (bases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 6740 20-MAY-2003;
      M Unknown.
Unclassified.
E 1 (Dases 1 to 17)
S Beigelman.L. Burgin.A., Beaudry,A., Karpeisky,A.,
Matulic-Adamic,J., Sweedler,D. and Zinnen,S.
Synthetic ribonucleic acids with RNAse activity
IAL Patent: US 6528640-A 505 04-MAR-2003;
Location/Qualifiers
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Beigelman, L., Burgin, A.B., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Oligoribonucleotides with enzymatic activity
Patent: US 6617438-A 504 09-SEP-2003;
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0.8%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 1;
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93.8%; Pred. No. 3.4e+02;
vative 0; Mismatches 1;
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Pred. No. 3.4e+02;
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Sequence 504 from patent US 6617438.
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/wol_type="unassigned RNA"
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93.8#;
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Chang, T.Wen. and Chang, N.T.
Peptides relating to the extracellular membrane-bound segment of human alpha chain
Patent: US 5690934-A 5 25-NOV-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                         Unknown.
Unclassified.
1 (bases 1 to 17)
Chang.T.W. and Chang.N.T.
Nucleotides coding for the extracellular membrane-bound segment
                 Gaps
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live 0; Mismatches 1;
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13.8%; Pred. No. 3.4e+02;
.ve 0; Mismatches 1;
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Sequence 505 from patent US 6528640.
AR286133.1 GI:29723729
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/organism="unknown"
/mol_type="unassigned DNA"
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Patent: US 5484907-A 5 16-JAN-1996;
Location/Qualifiers
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/wol_type="unassigned DNA"
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5690934.
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Sequence 5 from patent US 5484907.
117197
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175968
175968.1 GI:3012122
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Conservative
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Unclassified.
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RESULT 306

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PAT 26-OCT-2001
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           Brinkmann, U., Hoffmeyer, S., Bichelbaum, M. and Roots, I.
Polymorphisms in the human mdr-1 gene and their use in diagnostic
and therapeutic applications
Patent: WO 0109183-A 114 08-FBB-2001;
EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Kmiec,E.B., Gamper,H.B. and Rice,M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002.A 2930 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
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Patent: WO 0159103-A 3441 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US)
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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0.8%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 3.4e+02;

Matches 15; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 1;
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/nofe="Nucleic Acid"
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic"
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Sequence 3441 from Patent WO0159103.
AX217999
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Homo sapiens
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AX265539/c
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AX217999/c
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Gu, Y. and Shannon, M.E.

Isoforms of human pregnancy-associated protein-E

Patent: US 6656700-A 545 02-DEC-2003;

Location/Qualifiers
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Gu, Y. and Shannon, M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 543 02-DEC-2003;
Location/Qualifiers
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Sequence 545 from patent US 6656700.
AR434122
AR434122.1 GI:40196965
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Sequence 114 from Patent W00109183.
AX081870.1 GI:13170677
Mismatches
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/organism="unknown"
/wol_type="genomic DNA"
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/mol_type="genomic DNA"
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synthetic construct
artificial sequences.
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                                 49 CCAGCAGTGTGACTGC
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Conservative
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AX081870/c
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PAT 18-JUN-2002
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                           Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                    Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., Mclaughlin,F.G. and Randi,A.M.
Method and reagent for the inhibition of erg
Patent: W0 0188124-A 716 22-NOV-2001,
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Mclaughlin, F.G. a Randi, A.M.
Method and reagent for the inhibition of erg
Batent: WO 0188124-A 1454 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
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0.8%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 1;
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AX423567
LOCUS AX423567
DEFINITION Sequence 1903 from Patent W00188124.
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Sequence 1454 from Patent WO0188124.
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                                                                                                                                17 bp F
Sequence 716 from Patent WO0188124.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Homo sapiens"
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704 AGGAGATCAGACTGGA
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 115 22-NOV-2001;
PREDEZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
Patent: WO 0173002.A 2931 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
                                                                                                                                    Gaps
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0.8%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 1;
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Sequence 115 from Patent WO0188124.
AX421779
AX421779.1 GI:21525161
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
                   /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db xref="taxon:9606"
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/organism="Homo sapiens"
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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A.
Mcthod and reagent for the inhibition of calcium activated chloride channel—1 (clca—1)
Patent: WO 0211674-A 967 14-PEB-2002;
RIBOZYME PRARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 1610 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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93.8%; Pred. No. 3.4e+02;
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Sequence 1610 from Patent W00211674.
AX579772
Patent: EP 1229046-A 64 07-AUG-2002;
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Sequence 967 from Patent WO0211674.
AX579129
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
                                                                     /organism="Homo sapiens"
/mol_type="unassigned DNA"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                          Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1903 22-NOV-2001;
RIBOZYME PHRAMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned RNA"
/db xref="taxon:9606"
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AX498757
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AX498756
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   AX423567.1 GI:21526949
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LOCUS BD234537 18-bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of expression of cellular inhibitor of
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Bennett, C.Frank., Ackermann, E.J. and Cowsert, L.M.
Antisense modulation of cellular inhibitor of Apoptosis-2
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Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1;
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0.8%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 1;
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medicines
Patent: WO 03025175-A 247 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                           Sequence 247 from Patent WO03025175.
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expression
Patent: US 5958771-A 19 28-SEP-1999;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      18 bp Sequence 19 from patent US 5958771. AR076305. GI:10003051
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
 Mismatches
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/organism="unknown"
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                                      1573 TCAGGCAGGCCAGCTT 1588
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                                                             2 TCAAGCAGGCCAGCTT
 15; Conservative
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Patent: WO 221674-A 1995 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                           Thompson, J., Mcswiggen, J., Mckenzie, T., Ayera, D., Szymkowski, D.E. and Grupe, A.
Mcthod and reagent for the inhibition of calcium activated chloride channel 1 (clca-1)
Patent: WO 0211674-A 1931 14-FEB-2002;
RIBOZYME PRARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                       Query Match 0.8%; Score 14.4; DB 1; Length 17; Best Local Similarity 93.8%; Pred. No. 3.4e+02; Matches 15; Conservative 0; Mismatches 1; Indels
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/organism="Homo sapiens"
/mol_type="unassigned RNA"
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/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
   /mol_type="unassigned RNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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                                                                                                                                  146 AACGCCAGCTGTCAAT 161
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Homo sapiens
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Patent: Wo 02077272-A 1048 03-0CT-2002;

Epigenomics AG (DB)

Location/Qualifiers
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1 (Dases 1 to 18)

Cohen, D., Chumakov, I. and Blumenfeld, M.

Biallelic markers for use in constructing a high density disequilibrium map of the human genome Patent: US 6537751-A 5066 25-MAR-2003;

Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Detection oligonucleotide for C-ABL"
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                                   organism='Artificial Sequence'
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0.8%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1;
cocation/Qualifiers

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        forganism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"

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/organism="unknown"
/wol_type="genomic DNA"
                                                       Location/Qualifiers
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                                                                             Synthetic construct
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artificial sequences.

I (bases 1 to 18)
S Bennett, F.C., Ackermann, E.J. and Cowsert, L.M.
Antisense medulation of expression of cellular inhibitor of
Patent: JP 2002531102-A, 19 24-SEP-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002531102-A/19
PN JP 2002531102-A/19
PR 23-SEP-1999 US 09/205144
PRAME C BENNETT, ELIZABETH J ACKERMANN, LEX M COMSERT PC
C12N15/09, A61K31/7115, A61K31/712, A61K31/712, A61K31/713, A61K48/ PC
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C12N15/09,C07B61/00,C07B61/00,C12Q1/68,G06F17/30,G06F17/50, PC
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BPSSOGIS. 1 GI:33060385
Synthetic construct
artificial sequences.
1 (bases 1 to 18)
Cowsert, L.M., Baker, B.F., Mcneil, J., Freier, S.M., Sasmor, H.M.,
Identification of genetic targets for modulation by
oligonucleotides and generation of oligonucleotides for gene
modulation.
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PATENT: JP 2002511276-A 169 16-APR-2002;

ISIS PHARMACEUTICALS INC

OS Artificial Sequence

DN JP 2002511276-A/169

PD 16-APR-2002

PP 13-APR-1999 JP 2000543647

PR 13-APR-1998 US 60/081483,28-APR-1998 US 09/067638 PI

LEX M COWSERT, BRENDA F BAKER, JOHN MCNEIL, SUSAN M FREIER, HENRI
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18 bp DNA linear PAT 17-JT Identification of genetic targets for modulation by oligonuclectides and generation of oligonuclectides for gene modulation.
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/organism='Artificial Sequence'.
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Unknown.
Unclassified.
1 (bases I to 19)
Stevens,J.K., Dunn,J.M., Leushner,J. and Green,R.J.
Method for evaluation of polymorphic genetic sequences, and the use thereof in identification of HLA types
Patent: US 5834189-A 6 10-NOV-1998;
Location/Qualifiers
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                                                                            Unclassified.

1 (bases 1 to 19)

1 (bases 1 to 19)

Leushner, J., Hui,M., Dunn,J.M. and Larson,M.T.

Method for singla-tube sequencing of nucleic acid polymers

Patent: US 5830657-A 6 03-NOV-1998;

Location/Qualifiers
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O.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels
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1 Similarity 93.8%; Pred. No. 4e+02;
15; Conservative 0; Mismatches 1;
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Sanghvi, Y. and Manoharan, M.
Activators for oligonucleotide synthesis
Patent: US 6274725-A 9 14-AUG-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                      DNA
                                                                                                                                                                                                        /mol_type="unassigned DNA"
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Sequence 6 from patent US 5834189.
AR053210. GI:5978072
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Seguence 9 from patent US 6274725.
AR165304
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/organism="unknown"
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                     GI:5974583
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AR053210/c
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Leushner,J., Hul,M., Dunn,J.M. and Larson,M.T.
Method for amplification and sequencing of nucleic acid polymers
Patent: US 5789168-A 6 04-AUG-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                    Moriya, S., Ichihara, T., Suzuki, O., Urano, A. and Abe, S.
Method for determining chum salmon haplotype using mitochondrial
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Query Match

0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels
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0.8%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="synthetic construct"
/mol_type="unassigned DNA"
/mol_taxon:32630"
/note="primer"
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NISSHINBO INDUSTRIES, INC. (JP)
Location/Qualifiers
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/mol_type="unassigned DNA"
                                                                                                                                                                     Sequence 67 from Patent EP1319721. AX776117.1 GI:32693822
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Sequence 6 from patent US 5830657.
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synthetic construct
artificial sequences.
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Unclassified.
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AR051219/c
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AX776117/c
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AR020487/c
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REFERENCE AUTHORS TITLE JOURNAL FEATURES

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CON Screening method.

NA BD179426.

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BD179426.

GO 2084286-A/29.

WO 02084286-A/29.

Synthetic construct
artificial sequences.

E Hinuma, S., Fujii,R., Kawamata,Y., Miwa,M. and Hosoya,M.

Screening method

L Patent: WO 02084286-A/29 24-OCT-2002;

TAKEDA CHEMICAL INDUSTRIES LTD, SHUJI HINUMA, RYO FUJII, YUJI

KAWAMATA, MASANORI MIWA, MASAKI HOSOYA

OS Artificial Sequence
PN WO 02084286-A/29

PD 24-OCT-2002

PP 11-APR-2002 WO 2002JPD03613

PR 12-APR-2001 UP 01P 114203,14-JUN-2001 JP 01P 180562 PR

16-JUJ-2001 JP 01P 214922,27-DEC-2001 JP 01P 397767 PR

22-FEB-2002 JP 02P 045728

22-FEB-2002 JP 02P 045728

22-FEB-2002 JP 02P 045728
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           Craniata, Vertebrata, Buteleostomi,
Catarrhini, Hominidae, Homo.
                                                        Robbins, J.M. and Tritz, R. Ribozyme therapy for the treatment of proliferative skin and eye Ribozyme therapy for the treatment of proliferative skin and eye diseases blaseases in the treatment wo 0130362-A 344 03-MAY-2001; IMMUSOL, INC. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SHUJI HINUMA, RYO FUJII, YUJI KAWAMATA, MASANORI MIWA, MASAKI
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C12N5/10,C12P21/02,C07K16/28,C12Q1/68
C Primer designed for TNF alfa mRNA quantification FH
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                                                                                                                                                                          /organism="Homo sapiens"
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/mol type="unassigned DNA"
/mol type="unassigned"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1. .19
Coganism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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Matches 15; Conservative
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BD179426/C
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Drazen, J.M., In, K.-H., Asano, K., Beier, D. and Grobholz, J.
5-Lipoxygenase gene polymorphisms and their use in classifying
patients
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Pred. No. 4e+02;
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Manoharan,M. and Ravikumar,V.T.
Activators for oligonucleotide synthesis
Patent: US 6642373-A 9 04-NOV-2003;
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   93.8%; Pred. No. 4e+02;
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Location/Qualifiers
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                                                                                                                                                        Sequence 36 from patent US 6355434.
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Sequence 344 from Patent WO0130362.
               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                        /organism="unknown"
/wol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AR429274 19 bp
Sequence 9 from patent US 6642373.

    19
    organism="unknown"
    mol_type="genomic DNA"

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AR429274.1 GI:40189445
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AX129126.1 GI:14135431
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                                               230 GTGGTGGTGGTGGCGG 245
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Best Local Similarity 93.8%;
Matches 15; Conservative 0
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                                                                    Homo sapiens (human)
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Best Local Similarity 93.8
Matches 15; Conservative
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Unclassified.
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Best Local Similarity
Matches 15; Conserv
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AX129126
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AR199415
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E07678 1inear PAT 29-SEP-1997
Oligonucleotide for detecting tdh gene of Vibrio parahaemolyticus.
E07678
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                                                                                                                                                       E07678.1 GI:2175813

DF 1994165698-A/2.
Vibrio parahaemolyticus
SM Vibrio parahaemolyticus
SM Vibrio parahaemolyticus
SM Vibrio parahaemolyticus
Bacteria; Proteobacteria; Gammaproteobacteria; Vibrionaceae; Vibrio.

E 1 (bases 1 to 20)
E 7ada,A. and Nakayama,T.
METHOD FOR DETECTING NUCLEIC ACID
E Patent: UP 1994165698-A 2 14-UUN-1994;
SHIMADZU CORP
OS Vibrio parahaemolyticus
PN UP 1994165698-A/2
PP 16-UUN-1994
PP 16-UUN-1994
PP 30-SEP-1992 UP 92P 261899
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          synthetic construct
synthetic construct
synthetic construct
synthetic construct
synthetic construct
1 (bases 1 to 20)
Kazuma,T., Hitoshi,Y., Kazumori,H., Mitsuo,O. and Isao,I.
Chimeric animal and method for constructing the same
Patent: JP 1999113576-A 8 16-NOV-1999;
KIRIN BREWERY CO LTD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ce 1. .20
/organism='Vibrio parahaemolyticus'.
Location/Qualifiers
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Chimeric animal and method for constructing the same.
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    .20
    /organism="Vibrio parahaemolyticus"
/mol type="qenomic DNA"
    /db_xref="taxon:670"

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C12Q1/68,C12N15/10,C12N15/11,C12Q1/70;
strandedness: Single;
topology: Linear;
hypothetical: No;
anti-sense: No;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.8%; Score 14.4; DB 1; Best Local Similarity 93.8%; Pred. No. 4.4e+02; Matches 15; Conservative 0; Mismatches 1;
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JP 1999313576-A/8
16-NOV-1999
23-MAR-1999 JP 1999078572
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224 ATGAGAGTGGTGGTGG 239
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E38858.1 GI:13017606
JP 1999313576-A/8.
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PI KAZUN
OSHIMURA,
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E38858
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PATENT: JP 1992293486-A 6 19-OCT-1992;
SHIMMADZU CORP
SHIMMADZU CORP
SATCHIGIAL GENE
CC Artificial gene
CC Artificial sequence; Genes.
PD 19-OCT-1992
PP 15-MAR-1991 JP 1991059820
PP 25-MAR-1991 JP 1991059820
PP 73-MARATA KOICHI,
PI TADA ATGUSHI, SHIRASAKI YOSHINARI
PP TADA ATGUSHI, SHIRASAKI YOSHINARI
PC CIZNIS/11,C12Q1/64,C12Q1/68,(C12N15/11,C12R1:63),(C12Q1/04, PC
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               PAT 16-MAY-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OLIGONUCLEOTIDE FOR DETECTING BACTERIUM AND DETECTING METHOD USING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           artificial sequences.
1. (bases 1 to 20)
Ohashi, T., Fukushima, S., Nishimura, N., Yamagata, K., Tada, A. and Shirasaki, Y.
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/note='PCR primer to detect Vibrio
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PCR primer to detect Vibrio parahaemoliticus tdh gene.
E03949
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                 linear
                                                                                                                                                                                                                                                                                                                              1; Indels
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0.8%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1;
                                                                                                               Unknown.
Unclassified.
1 (bases 1 to 20)
Ward, D.T. and Cowsert, L.M.
Antisense modulation of NCK-2 expression
Patent: US 6165728-A 77 26-DEC-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1. .20
/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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1. .20
/organism="unknown"
/mol_type="unassigned DNA"
               AR122523 20 bp Sequence 77 from patent US 6165728.
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strandedness: Single;
topology: Linear;
                                                               AR122523.1 GI:14106840
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synthetic construct
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                                                                                                  Unknown.
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ORGANISM
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                                                                                                                                                                                 Unknown.
Unclassified.
1 (bases 1 to 20)
Ohshi,T., Tada,J., Fukushima,S., Ozaki,H., Nishimura,N.,
Shizasaki,Y. and Yamagata,K.
Oligonucleotides for detecting bacteria and detection method using
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 20)
Ohashi,T. Tada,J., Fukushima,S., Ozaki,H., Nishimura,N.,
Shirasaki,Y. and Yamagata,K.
Oligonucleotides for detecting bacteria and detection method using
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/organism="unknown"
/wol_type="unassigned DNA"
                                                                                           20 bp
Sequence 6 from patent US 5516898.
120970.
120970.1 GI:1601324
                                                                                                                                                                                                                                                                                    Patent: US 5516898-A 6 14-MAY-1996;
                                                                                                                                                                                                                                                                                                                            /organism="unknown"
/mol_type="unassigned DNA"
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Location/Qualifiers
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Sequence 21 from patent US 6440739.
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Sequence 6 from patent US 5525718.
122090
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224 ATGAGAGTGGTGG 239
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                16 ATGAGAGTGGTAGTGG 1
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Unclassified.
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AR224716.1
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Unknown.
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AR224716/c
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ORGANISM
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122090/c
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           A01K67/027, C12N5/10, C12N15/02, C12P21/08, C12N5/00, C12N15/00 CC
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Unclassified.
I (bases 1 to 20)
Okamoro, H. and Nakamura, T.
Oligonucleotides and determination system of HCV genotypes
Patent: US 5427909-A 40 27-JUN-1995;
Location/Qualifiers
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Unknown...
Unclassified.
I (bases 1 to 20)
Ohashi, T., Tada, J., Fukushima, S., Ozaki, H., Nishimura, N., Shirasaki, Y. and Yamagata, K.
Oligonucleotides for detecting bacteria
Patent: US 5468852-A 6 21-NOV-1995,
Location/Qualifiers
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                                                  ice 1..20
/organism='Artificial Sequence'
Location/Qualifiers
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                                                                                                 1. .20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                         Location/Qualifiers
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Sequence 40 from patent US 5427909.
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/mol_type="unassigned DNA"
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                                                                                                                                                                     Query Match 0.8%
Best Local Similarity 93.8%
Matches 15; Conservative
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Best Local Similarity 93.83
Matches 15; Conservative
ISAO ISHIDA
                                                        source
                                           Key
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Barany, F., Zirvi, M., Gerry, N.P., Favis, R. and Kliman, R. Method of designing addressable array for detection of nucleic acid sequence differences using ligase detection reaction Patent: WO 0179548-A 4720 25-0CT-2001; CORNELL RESEARCH FOUNDATION, INC. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PAT 18-MAR-2002
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Patent: W0 0206497-A 15 24-JAN-2002;
International Centre for Genetic Engineering and Biotechnology (IT)
Location/Qualifiers
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Conservative 0; Mismatches 1; Indels
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    .20
    /organism="synthetic construct"
/mol_type="unassigned DNA"
    /db xref="taxon:32630"
    /nofe="PRIMER"

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/db_xref="taxon:32630"
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Sequence 5572 from Patent WO02053728.
AX488272 GI:22322352
                                                                                             20 bp DJ
Sequence 4720 from Patent WO0179548.
AX292958
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Sequence 15 from Patent WO0206497.
AX382011
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CTGATGGTGAGAGTGA 20
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Tomizuka,K., Yoshida,H., Hanaoka,K., Oshimura,M. and Ishida,I.
Chimeric mice that are produced by microcell mediated chromosome
transfer and that retain a human antibody gene
Patent: US 6632976-A 8 14-OCT-2003;
Location/Qualifiers
                          I (bases 1 to 20)
Bennett, C.F. and Freier, S.M.
Antisense modulation of glioma-associated oncogene-2 expression
Patent: US 6440739-A 21 27-AUG-2002;
Location/Qualifiers
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ilarity 93.8%; Pred. No. 4.4e+02;
Conservative 0; Mismatches 1;
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Putting trainer
Patent: US 6503152-A 105 07-JAN-2003;
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Seguence 105 from patent US 6503152.
AR271162
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                                                                                                               1. .20
/organism="unknown"
/wol_type="genomic DNA"
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/organism="unknown"
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/organism="unknown"
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Best Local Similarity 93.8%
Matches 15; Conservative
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Matches 15; Conserv
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TITLE
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TERENCE J VAN RAAY, KATHERINE W KLINGER
C12N15/12, C12N15/85, C07K14/47, C07K14/475, C07K16/18, A01K67/027
Oligonucleotide Primer
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
synthetic construct synthetic construct artificial sequences.

1 (bases 1 to 20)
Landes G.M., Burn, T.C., Connors, T.D., Dackowski, W.R., Raay, T.J.V. and Klinger, K.W.
Novel human chromosome 16 genes, compositions, methods of making
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GREGORY M LANDES, TIMOTHY C BURN, TIMOTHY D CONNORS, WILLIAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Single uncleotide polymorphisms in genes
Patent: WO 0118250-A 2176 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Lander, B.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.O. Mccarthy, J.J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism='Synthetic construct'.
Location/Qualifiers
1. 20
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                                                                                                          ...e 16 genes, compositions
...e 16 genes, compositions
CS Synchetic construct

NE CORP
OS Synchetic construct

ND 21-MAY-2002

PF 16-DAN-1997 JP 1998502904

PR 17-JUN-1996 US 08/665259,01-OCT-1996 US
09-DEC-1996 US 08/762500

PI GREGORY M.LANDES,TIMOTHY C BURN,TIMOTHY
PI DACKOWSKI,
PI TERENDE J VAN RAAX, KATHERINP
CC COligonuclectide PER COLIGORIA COLIG
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0.8%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 2176 from Patent W00118250.
AX096998
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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Location/Qualifiers
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HD016559

Genes and proteins participating in the upstream of degradation passage of aromatic polycyclic compound.

HD016559.1 G1:22557735

HD016559.1 G1:2557735

HD016559.1 G1:2015705

HD016559.1 G1:2016505

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Novel human chromosome 16 genes, compositions, methods of making
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                                                                                                                     Eukaryota, Fungi, Ascomycota, Saccharomycotina, Saccharomycetes,
Saccharomycetales, mitosporic Saccharomycetales; Candida.
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                                                                                                                                                                                                                        Roemer, T., Jiang, B., Boone, C., Bussey, H. and Ohlsen, K.L. Gene disruption methodologies for drug target discovery Patent: WO 02053723-A 572 11-JUL-2002; Elitra Pharmaceuticals, Inc. (US)
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/organism="Candida albicans"
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/db_xref="taxon:5476"
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JP 2002514903-A/40.
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Lifeton,R.P., Chang,S.S. and Rossier,B.C.
Method to diagnose and treat pathological conditions resulting from deficient ion transport such as Pseudohypoaldosteronism type-1
Patent: JP 2001514521-A 43 11-SEP-2001;
YALE UNIVERSITY
OF UNIVERSITY
DP 11-SEP-2001
PP 11-MR-1998 JP 1998539716
PP 11-MR-1997 US 60/040171
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            bD070804 21-AUG-2002 Method to diagnose and treat pathological conditions resulting from deficient ion transport such as Pseudohypoaldosteronism type-1. BD070804
HIV-1 subtype isolate regulatory/accessory genes, and modifications and derivatives thereof
Patent: WO 03037919-A 23 08-MAY-2003;
The South African Medical Research Council (ZA); University of
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Organism="Human immunodeficiency virus
/mol_type="unassigned DNA"
/db_xref="taxon:11676"
                                                                                                                                                                                      Length
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Patent: WO 3035622.A 4 01-MAY-2003;
THE VICTORIA UNIVERSITY OF MANCHESTER (GB)
Location/Qualifiers
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93.8%; Pred. No. 4.7e+02;
rative 0; Mismatches 1;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Primer"
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Sequence 4 from Patent WO03035692.
AX754893
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                                                                                    Location/Qualifiers
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JP 2001514521-A/43.
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Unclassified.
1 (bases 1 to 21)
Lifton,R.P., Chang,S.S. and Rossier,B.C.
Method to diagnose and treat pathological conditions resulting from deficient ion transport such as pseudohypoaldosteronism type-1
Patent: Uccation/Qualifiers
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                        PAT 12-JUN-2003
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Protein production in aureobasidium pullulans
Patent: WO 0196578-A 4 20-DEC-2001;
THE UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC. (US)
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93.8%; Pred. No. 4.7e+02;
cive 0; Mismatches 1;
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Best Local Similarity 93.8%; Pred. No. 4.7e+02;
Matches 15; Conservative 0; Mismatches 1;

    .21
    /organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="taxon:32630"
/note="oligonucleotide"

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Human immunodeficiency virus 1
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Sequence 23 from Patent W003037919.
AX753169
                   Sequence 58 from patent US 6551775. AR307359
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Sequence 4 from Patent WO0196578.
AX375474
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                                                                          AR307359.1 GI:31697886
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Patent: WO 060086-A 16 12-OCT-2000;
MELCHERS LEO SJOERD (NL); CUSTERS JEROME HUBERTINA HENRI (NL)
ZENECA MOGEN B V (NL)
           Gaps
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/mol_type="unassigned DNA"
/db_tref="taxon:32650"
/noTe="Description of Artificial Sequence:primer"
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Pred. No. 4.5e+02;
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1 (bases 1 to 19)
Jeffreys, J. J. and Armour, J.
JORNTIFICATION OF SIMPLE TANDEM REPEATS
PATENT: WO 9517522-A 56 29-JUN-1995;
UNIV LEIGESTER (GB)
Other publication AU 1277995 950710.
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0.8%; Score 14.4; DB 1;
Best Local Similarity 93.8%; Pred. No. 5.1e+02;
Matches 15; Conservative 0; Mismatches 1;
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
           Mismatches
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Sequence 56 from Patent W09517522.
A45386
                                                                                                                                          Sequence 16 from Patent W00060086.
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Best Local Similarity 84.2%;
Matches 16; Conservative
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           15; Conservative
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PI RICHARD P LIFTON, SUB S CHANG, BERNARD C ROSSIER PC C1201/68, CO7K16/18, C12N15/12, C12N5/10, C07K14/47 CC Strandedness: Single; C Topology: Linear; CC /desc = 'primer' Location/Qualifiers FT Source 1.21 /organism='Unidentified'.
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Unclassified.

Unclassified.

1 (Dases 1 to 22)

Ladanyi,w. and Gerald,W.

Diagnostic test for the desmoplastic small round cell tumor

Patent: US 5670317-A 7 23-SEP-1997;

Location/Qualifiers
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Use of cna, fnba, fnbb, and hlb, gene probes for the strain-specific identification of Staphylococcus aureus Patent: US 5789171-A 20 04-AUG-1998;
Location/Qualifiers
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Location/Qualifiers
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Sequence 20 from patent US 5789171.
AR020524
AR020524.1 GI:3975139
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Sequence 7 from patent US 5670317.
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unknown"
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1 (bases 1 to 22)
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E10985 19 DNA linear PAT 29-SEP-1997
Primer for detecting human cytochrome P4501A2 polymorphism(one
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JP 1996070897-A/3
19-MAR-1996
06-JUL-1995 JP 1995170693
06-JUL-1994 JP 94P 154571
FUKUI TAKASHI, KATSURAGI SHIYUKUTEN, KINOSHITA MORITOSHI, PI
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Fukni, T., Katsuragi, S., Kinoshita, M. and Shin, T.
Fukni, T., Katsuragi, S., Kinoshita, M. and Shin, T.
Fukni, T., Katsuragi, S., Kinoshita, M. and Shin, T.
Fukni, T. Polykorphism of Human Cytochrome P4501A2 GENE Patent: JP 1956070897-A 3 19-MAR-1996;
OTSUKA PHARMACEUT CO LID
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Location/Qualifiers
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Draper,K.G., Kasner,D.L., Anderson,K.P. and Chapman,S. Composition and method for treatment of CMV infections Patent: US 6153595-A 35 28-NOV-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.8%; Score 14.2; DB 1; Length 19; Best Local Similarity 84.2%; Pred. No. 4.5e+02; Matches 16; Conservative 0; Mismatches 3; Indel8
           Length 19;
                                                                                                                                                                                   linear
         Query Match 0.8%; Score 14.2; DB 1; Length 1 Best Local Similarity 84.2%; Pred. No. 4.5e+02; Matches 16; Conservative 0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                        /organism="unknown"
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                                                                                                                                                                                   AR120031 19 bp | Sequence 35 from patent US 6153595. AR120031 GI:14102730

    19 /organism="unidentified"
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strandedness: Single;
topology: Linear;
Key
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                                                                         131 GGATGAAGAAGATCAAACG 149
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JP 1996070897-A/3.
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E10985
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1 (bases 1 to 19)
Draper, K.G., Kisner, D.L., Anderson, K.P. and Chapman, S. Composition and method for treatment of CMV infections Patent: US 6153595-A 28 28-NOV-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                              Query Match 0.8%; Score 14.2; DB 1; Length 19; Best Local Similarity 84.2%; Pred. No. 4.5e+02; Matches 16; Conservative 0; Mismatches 3; Indels
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                                                                                                         Tablisgaard, N. and Hokland, P.
DETECTION OF CHROMOSOMAL ABNORMALITIES
PATENT: WO 9824928-A 169 11-JUN-1998;
PALLISGAARD NIELS (DK); HOKLAND PETER (DK)
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Patent: US 5843647-A 56 01-DEC-1998;
Location/Qualifiers
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Sequence 28 from patent US 6153595.
AR120024.1 GI:1410277?
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Sequence 56 from patent US 5843647.

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Sequence 169 from Patent WO9824928.
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                  A91642
A91642.1 GI:6740597
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PAT 10-APR-2003
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                                                                                         Universation (1) [Dases 1 to 19]
Fukui,T., Katsuragi,K., Kinoshita,M. and Shin,S. deceased.
Method for detecting polymorphism of human cytochrome P4501A2 gene
Patent: US 5719026-A 3 17-FEB-1998;
Location/Qualifiers
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Unclassfiled.
1 (bases 1 to 19)
Srivatava,A., Ponnazhagan,S., Chloemer,R.H., Wang,X.-S.,
Srivatava,A., Ponnazhagan,S., Escobedo,J. and Dwarki,V.
AAV vectors
Patent: US 6521225-A 1 18-FEB-2003;
Location/Qualifiers
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84.2%; Pred. No. 4.5e+02;
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LaFleur, D.W., Moore, P.A. and Ruben, S.M.
Reratinocyte derived interferon
Patent: US 6472512-A 51 29-OCT-2002;
Location/Qualifiers
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Sequence 1 from patent US 6521225.
AR281774
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                 GI:3408561
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Anderson, K., Draper, K. and Baker, B.
Oligonucleotides for modulating the effects of cytomegalovirus
infections
Patent: US 5442049-A 35 15-AUG-1995;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                          Unclassified.

1 (bases 1 to 19)
Anderson, K., Draper, K. and Baker, B.
Oligonucleotides for modulating the effects of cytomegalovirus infections
Patent: US 5442049-A 28 15-AUG-1995;
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                                0.8%; Score 14.2; DB 1; Length 19; 84.2%; Pred. No. 4.5e+02; ative 0; Mismatches 3; Indels
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Pred. No. 4.5e+02;
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Best Local Similarity 84.2%; Pred. No. 4.5e-
Matches 16; Conservative 0; Mismatches
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Sequence 35 from patent US 5442049.
113827.
113827.1 GI:996257
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Sequence 28 from patent US 5442049.
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Sequence 3 from patent US 5719026.
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I13820.1 GI:996250
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DEFINITION ACCESSION VERSION

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AUTHORS TITLE

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RESULT 374

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LOCUS

RESULT 377

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PAT 15-MAY-2001
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                                                                                                                                                        Brinkmann, U., Hoffmeyer, S., Eichelbaum, M. and Roots, I.
Polymorphisms in the human mdr-1 gene and their use in diagnostic
and therapeutic applications
Patent: WO 0109183-A 293 08-FEB-2001;
EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
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Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Ribozyme therapy for the treatment of proliferative skin and eye
diseases
                                                                                                                                                                                                                                                                                                                                                                                            Length 19;
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|db_tref="trace"ref" |noTe="cdk2 ribozyme binding site"
                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.8%; Score 14.2; DB 1; Best Local Similarity 84.2%; Pred. No. 4.5e+02; Matches 16; Conservative 0; Mismatches 3;
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14.2%; Pred. No. 4.5e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic"
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Sequence 217 from Patent WO0130362.
AX128999
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Sequence 293 from Patent WO0109183.
AX082049
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Location/Qualifiers
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                                            AX082049.1 GI:13170857
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Best Local Similarity 84.2%;
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synthetic construct
artificial sequences.
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Polymorphisms in the human mdr-1 gene and their use in diagnostic
and therapeutic applications
and therapeutic applications
Patent: WO 0109183-A 292 (B-FEB-2001;
EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
Location/Qualifiers
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14.2%; Pred. No. 4.5e+02;
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Mosaic infectious bursal disease virus vaccines
Patent: WO 0104319-A.IO 18-JAN-2001;
Stichting Dienst Landbouwkundig Onderzoek (NL)
Location/Qualifiers
                                                                                                                                                                                                                                                                                            Infectious bursal disease virus (Gumboro virus)
Infectious bursal disease virus
        Pred. No. 4.5e+02;
0; Mismatches 3;
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16; Conservative 0; Mismatches
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Sequence 292 from Patent W00109183.
AX082048 GI:13170856
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        Best Local Similarity 84.2%;
Matches 16; Conservative (
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Matches 16; Conserv
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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                                                                          /note="Cdk2 ribozyme binding site"
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Sequence 352 from Patent WO0130362.
AX129134
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Sequence 250 from Patent W00130362.
AX129032.
AX129032.1 GI:14135337

    .19
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   Location/Qualifiers
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                   Robbins,J.M. and Tritz,R.
Ribozyme therapy for the treatment of proliferative skin and eye
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Butelé
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo
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/note="CGk2 ribozyme binding site"
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IMMUSOL, INC. (US)
Location/Qualifiers
                                                                    Darent: WO 0130362-A 217 03-NAY-2001;
IMMUSOL, INC. (US)
Location/Qualifiers
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IMMUSOL, INC. (US)
Location/Qualifiers
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/organism="Homo sapiens"
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Sequence 249 from Patent W00130362.
AX129031.
AX129031.1 GI:14135336
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Sequence 248 from Patent WO0130362.
AX129030 GI:14135335
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Homo sapiens
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AX129031
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Ribozyme therapy for the treatment of proliferative skin and eye diseases
Patent: WO 0130362-A 675 03-MAY-2001;
IMMUSOL, INC. (10)
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/noTe="Cdk7 ribozyme binding site"
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/mb_xref="texton:9606"
/noTe="cdk7 ribozyme binding site"
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IMMUSOL, INC. (US)
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Sequence 676 from Patent WO0130362.
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                                           Sequence 675 from Patent WO0130362. AXI29457
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Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 84.2%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indel8
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84.2%; Pred. No. 4.5e+02;
tive 0; Mismatches 3; Indels
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IMMUSOL, INC. (US)
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AX129366
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Seguence 481 from Patent WO0130362.
AX129263
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Homo sapiens
   Best Local Similarity 84.2%;
Matches 16; Conservative
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Matches 16; Conservative
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84.2%; Pred. No. 4.5e+02;
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Patent: WO 0208463-A 73 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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Patent: WO 0208463-A 79 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
                                                                              Score 14.2; DB 1;
Pred. No. 4.5e+02;
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/note="position 62"
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AX362712
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AX362718
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Patent: EP 1174518-A 81 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
                                                                             Loukachov, V.V., van Gemen, B. and Goudsmit, J. Collection of binding molecules
Patent: EP 1174518-A 73 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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Patent: EP 1174518-A 79 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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    synthetic construct"

                                                                                                                                                                               /organism="synthetic construct"
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/db_xref="taxon:32630"
/noTe="position 62"
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/note="position 62"
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Sequence 79 from Patent EP1174518.
AX352873
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RESULT 395 AX362720

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Heinrich, G. and Kerb, R. Methods for the treatment of cancer with irinotecan based on CYP3A5 Patent: WO 03013534A 469 20-FEB-2003; Epidauros Biotechnologie AG (DE) Location/Qualifiers
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                Binns, M.M. and Swinburne, J.E.
Genetic typing
Patent: WO 02092851-A 310 21-NOV-2002;
ANIMAL HEALTH TRUST (GB); The British Horseracing Board (GB)
Location/Qualifiers
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0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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0.8%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 3;
                                                                                                                                                                             /organism="synthetic construct"
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/note="primer"
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Sequence 470 from Patent WO03013534.
AX706773
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Sequence 469 from Patent WO03013534.
AX706772.1 GI:29563195

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                                                                                        PAT 15-FEB-2002
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Optimized cardiac contraction through differential phosphorylation
of myosin
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The Secretary of the Department of Health and Human Services (US)
Location/Qualifiers
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Patent: WO 0208463-A 81 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
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84.2%; Pred. No. 4.5e+02;
ative 0; Mismatches 3;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="position 62"
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Sequence 81 from Patent WO0208463.
AX362720
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Sequence 20 from Patent W00224889.
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Gaps

DEFINITION ACCESSION VERSION KEYWORDS

RESULT 397

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AX601215 LOCUS

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ACCESSION VERSION KEYWORDS SOURCE

RESULT 396 AX467584/c LOCUS DEFINITION

Matches

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

1 (basea 1 to 19)

Srivastava, A., Ponnazhagan, S., Chloemer, R.H., Wang, X.S.,
Yoder, M.C., Zhou, S.Z., Escobedo, J. and Dwarki, V.
Methods and compositions for liver specific delivery of therapeutic molecules using recombinant AAV vectors

L Patent: JP 2001500376-A 1 16-JAN-2001;
CHIRON CORP, INDIANA UNIVERSITY
OS Homo sapiens (human)
PN JP 2001500376-A 1 1998512823
PN 02-SEP-1997 JP 1998512823
PR 06-SEP-1996 US 60/025616,11-SEP-1996 US 60/025649 PI
ARON SRIVASTAVA, SELVARANGAN PONNAZHAGAN, ROBERT H CHLOEMER, PI XU
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

E. (bases 1 to 19)
Parisgard, N. and Hokurando, P.
Method for detecting abnormality in chromosome

I. Patent: JP 2001505428-A/169
PN JP 2001505428-A/169
PD 24-APR-2001
PP 08-DEC-1997 JP 1998525090
PP 08-DEC-1997 JP 1998525090
PC CI2NIS,09,CI2Q1/68,GOIN33/50,CI2NIS/00
PC CI2NIS PARISGARD, PATER HOKURANDO
PC CIZNIS SINGLE; Single;
                                                                     BD006133 19 bp DNA linear PAT 31-JAN-2002 Methods and compositions for liver specific delivery of therapeutic molecules using recombinant AAV vectors.
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A01N43/04, A61K31/70, C12N15/63
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Location/Qualifiers
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Method for detecting abnormality in chromosome.
BD023424
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BD006133.1 GI:18634504
JP 2001500376-A/1.
Homo sapiens (human)
Homo sapiens
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JP 2001505428-A/169.
Homo sapiens (human)
Homo sapiens
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Key
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Methods for treatment of cancer using irinotecan based on UGTLA1
Patent: WO 03013536-A 469 20-FEB-2003;

Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Pred. No. 4.5e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Beck,J.Joseph.
Detection of fungal pathogens using the polymerase chain reaction
Patent: US 5814453-A 40 29-SEP-1998;
Location/Qualifiers
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Detection of fungal pathogens using the polymerase chain reaction
Patent: US 5814453-A 39 29-SEP-1998;
                                                                                                      Unknown.
Unclassified.
1 (bases 1 to 20)
Beck,J.Joseph.
Detection of maize fungal pathogens using the polymerase chain
reaction.
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84.2%; Pred. No. 4.8e+02;
tive 0; Mismatches 3;
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84.2%; Pred. No. 4.8e+02;
tive 0; Mismatches 3;
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Location/Qualifiers
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Sequence 39 from patent US 5814453.
AR043155
AR043155.1 GI:5964163
                20 bp I
Sequence 11 from patent US 5800997.
AR036916

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Sequence 40 from patent US 5814453.
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/organism="unknown"
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1 (bases 1 to 20)
Beck, J. Joseph.
Detection of maize fungal pathogens using the polymerase chain
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0.8%; Score 14.2; DB 1; Length 2
Best Local Similarity 84.2%; Pred. No. 4.8e+02;
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Unclassified.
3 1 (bases 1 to 20)
S First, M.Kent., Agoulnik, A.I. and Muallem, A.
Male infertility y-deletion detection battery
AL Patent: US 5776682-A 102 07-JUL-1998;
Location/Qualifiers
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0.8%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred, No. 4.5e+02;
Matches 16; Conservative 0; Mismatches 3;
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Sequence 102 from patent US 5776682.
AR016214
AR016214.1 GI:3972491
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Location/Qualifiers
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               1. .19
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Unclassified.
1 (bases 1 to 20)
Orr,H.T., Ranum,L.P.W., Chung,M.-y. and Zoghbi,H.Y.
Gene sequence for spinocerebellar ataxia type 1 and method for diagnosis
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1 (bases 1 to 20)
Ozaki, A., Mori, H., Shibasaki, T., Ando, K. and Chiba, S. Process for producing trans-4-hydroxy-L-proline
Patent: US 5854040-A 7 29-DEC-1998;
Location/Qualifiers
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0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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1 (bases 1 to 20)
First, M.Kent. and Muallem, A.
Fale infertility Y-deletion detection battery
Patent: US 5840549-A 32 24 NOV-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                    DNA
                                                                                                                                                           Patent: US 5834183-A 79 10-NOV-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                          20 bp Sequence 32 from patent US 5840549. AR060266
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Sequence 7 from patent US 5854040.
AR068700
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                  GI:5978035
   AR053173
AR053173.1
                                                Unknown.
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AR060266/c
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Unclassified.
Unclassified.
Beck.J.oseph.
Detection of wheat fungal pathogens using the polymerase chain
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Beck,J.Joseph.
Detection of wheat fungal pathogens using the polymerase chain
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0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
                             0.8%; Score 14.2; DB 1; Length 20;
84.2%; Pred. No. 4.8e+02;
7ative 0; Mismatches 3; Indels
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 79 from patent US 5834183.
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Location/Qualifiers
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/mol_type="unassigned DNA"
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Sequence 2 from patent US 5827695.
AR050516 1 GI:5973241
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Best Local Similarity
Matches 16; Conservat
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AR050517/C
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            1 (Dates 1 to 20)
Ligon,J.M. and Beck,J.J.
Ligon,J.M. and Beck,J.J.
Detection of fungal pathogens using the polymerase chain reaction
Patent: US 5955274-A 40 21-SEP-1999;
Location/Qualifiers
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Mezes, P.S., Gourlie, B.B., Rixon, M.W., Schlom, J., Kaplan, D.A. and Anderson, W.H.Kerrian affinity, modified antibodies for cancer treatment Patent: US 5993813-A 24 30-NOV-1999;
Location/Qualifiers
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1 (bases 1 to 20)
Dean, N.M., McKay, R., Miraglia, L. and Baker, B.
Antisense oligonucleotide compositions and methods for the inibition of c-fun and c-Fos
Patent: US 5985558-A 99 16-NOV-1999;
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84.2%; Pred. No. 4.8e+02;
iive 0; Mismatches 3;
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AR089040.
AR089040.1 GI:10015797
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Sequence 99 from patent US 5985558.
AR086278.1 GI:10013044
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Best Local Similarity 84.2
Matches 16; Conservative
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1 (bases 1 to 20)
Joenje, H. and Lo Ten Foe, J.R.
CDNA for fanconi anemia complementation group A
Patent: US 5952190-A 14 14-SEP-1999;
Location/Qualifiers
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 Pred. No. 4.8e+02;
0; Mismatches 3;
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84.2%; Pred. No. 4.8e+02;
iive 0; Mismatches 3;
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Sequence 39 from patent US 5955274.
AR074655.1 GI:10001408
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Sequence 14 from patent US 5952190.
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                                            856 AAGGACCTGAAGCAGTACC 874
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Best Local Similarity 84.2%;
Matches 16; Conservative
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AR074656/c
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PAT 14-FEB-2001
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MCKAY,R., Dean,M., Monia,B.P., Nero,P.S. and Gaarde,W.A.
Mutisense oligonuclectide compositions and methods for the
modulation of JNK proteins
Patent: US 6133246-A 121 17-OCT-2000;
Location/Qualifiers
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84.2%; Pred. No. 4.8e+02;
iive 0; Mismatches 3; Indels
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0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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          DNA extraction buffer and method of use thereof Patent: US 6071698-A 10 06-JUN-2000; Location/Qualifiers
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Ouery Match

Ouery Match

Ouery Matches

Ouery Matches
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Sequence 121 from patent US 6133246.
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Sequence 11 from patent US 6071698.
AR097251.
AR097251.1 GI:12805981
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/organism="unknown"
/mol_type="unassigned DNA"
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Best Local Similarity 84.29
Matches 16; Conservative
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AR097251/c
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Mezes, P.S., Gourlie, B.B., Rixon, M.W., Schlom, J., Kaplan, D.A. and
Anderson, W.H.Kerr.
Family of high affinity, modified antibodies for cancer treatment
Patent: US 5993813-A 44 30-NOV-1999;
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1 (bases 1 to 20)

(Simeno,C.J. and Acton,S.
Method of making lipid metabolic pathway compositions
Patent: US 6008014-A 6 28-DEC-1999;
Location/Qualifiers
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Sequence 10 from patent US 6071698.
AR097250
AR097250.1 GI:12805980
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AR096477
AR096477.1 GI:10025314
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Unclassified.
1 (bases 1 to 20)
Beck,J.Joseph.
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Unclassified.
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AR096477 LOCUS DEFINITION ACCESSION

RESULT 420

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VERSION KEYWORDS SOURCE

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Query Match 0.8%; Score 14.2; DB 1; Best Local Similarity 84.2%; Pred. No. 4.8e+02; Matches 16; Conservative 0; Mismatches 3;
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Sequence 24 from patent US 6207815.
AR140676
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Best Local Similarity 84.2
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Dalboege, H., Andersen, L.Nonboe., Kofoed, L.Venke.,
Kauppinen, M.Sakari., Christgau, S., Heldt-Hansen, H.Peter. and
Halkier, T.
Enzyme with polygalacturonase activity
Patent: 18 15-DEC-2000;
Location/Qualifiers
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Draper, K.G., Kisner, D.L., Anderson, K.P. and Chapman, S. Composition and method for treatment of CMV infections Patent: US 6153595.A 90 28-NOV-2000;
                                                                                                                                    1 (bases 1 to 20)
Draper, K.G., Kisner, D.L., Anderson, K.P. and Chapman, S. Composition and method for treatment of CMV infections
Patent: US 6153595-A 30 28-NOV-2000;
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Best Local Similarity 84.2%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 3;
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Pred. No. 4.8e+02;
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AR121334.1 GI:14104910
                     20 bp 1
Sequence 30 from patent US 6153595.
AR120026
AR120026.1 GI:14102725
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AR120086
AR120086.1 GI:14102785
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Unclassified.

(bases, 1 to 20)

Mezes, P.S., Gourlie, B.B., Rixon, M.W., Schlom, J., Kaplan, D.A. and Anderson, W.H.Kerr.
Family of high affinity, modified antibodies for cancer treatment Patent: US 6207815-A 24 27 MAR-2001;
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Mezes, P.S., Gourlie, B.B., Rixon, M.W., Schlom, J., Kaplan, D.A. and Anderson, W.H.Kerr.
Family of high affinity, modified antibodies for cancer treatment Patent: US 6207815-A 44 27 MAR-2001;
Location/Qualifiers
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84.2%; Pred. No. 4.8e+02;
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Length 20;
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KEYWORDS SOURCE ORGANISM

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PAT 08-AUG-2001
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Morrison, C.J., Reiss, E., Holloway, B. and Shin, J.Hee.
Methods and compositions for the detection of Candida spp
Patent: US 6225890-A 4 22-MAY-2001;
Location/Qualifiers
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Unclassified.
In (bases 1 to 20)
S. Lott,T.J., Elle,C.M., Morrison,C.J. and Reiss,E.
Nucleic acid probes for detecting Candida species
AL Patent: US 6242178-A 14 05-JUN-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.8%; Score 14.2; DB 1; Length 20; Best Local Similarity 84.2%; Pred. No. 4.8e+02; Matches 16; Conservative 0; Mismatches 3; Indels
     Query Match
0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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0.8%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 3;
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Seguence 14 from patent US 6242178.
ARIS6144
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AR156630
AR156630.1 GI:15125334
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US 6235890.
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AR153776.1 GI:15121308
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AR156630
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Unknown.
Unclassified.
Unclassified.
I (bases 1 to 20)
Beck,J.Joseph. and Perry,C.Violet.
Detection of Monilinia spp. using the polymerase chain reaction
Patent: US 6221595-A 3 24-APR-2001;
Location/Qualifiers
                                                                                                                            1 (bases 1 to 20)
Beck,J.Joseph. and Perry,C.Violet.
Beck,J.Joseph. and Perry,C.Violet.
Detection of Monilinia spp. using the polymerase chain reaction
Patent: US 6221595-A 2 4-APR-2001;
Location/Qualifiers
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Morrison,C.J., Reiss,E., Holloway,B. and Shin,J.Hee.
Methods and compositions for the detection of Candida spp
Patent: US 6235890-A 2 22-MAY-2001;
Location/Qualifiers
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Pred. No. 4.8e+02;
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Sequence 3 from patent US 6221595.
AR147483
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Sequence 2 from patent US 6235890.
AR153774
AR147482 20 bp Sequence 2 from patent US 6221595. AR147482 AR147482.1 GI:15111285
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RESULT 430
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AUTHORS TITLE JOURNAL

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AUTHORS TITLE JOURNAL FEATURES

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BD228325.1 GI:33038095
BD228325.1 GI:33038095
BD228325.1 GI:33038095
BD228325.1 GI:33038095
BD228325.2 Gonstruct
Synthetic construct
artificial sequences.
I to 20, Salceda, S., Recipon, H. and Cafferkey, R.
Method of diagnosis, observation, staging, imaging and treatment of prostatic cancer
Patent: JP 2002527758-A 27 27-AUG-2002;
                                                                                                                                  BD228325 20 bp DNA linear PAT 17-JUL-2003 Method of diagnosis, observation, staging, imaging and treatment of
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Detection of the Monilinia species using polymerase chain reaction.
BD243829
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Location/Qualifiers
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Pred. No. 4.8e+02;
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Unclassified.
1 (bases 1 to 20)
Dean,N.M., McKay,R., Miraglia,L. and Baker,B.
Antisense oligonucleotide compositions and methods for the
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                                       1 (bases 1 to 20)
Ozaki,A., Mori,H., Shibasaki,T., Ando,K. and Chiba,S.
Process for producing trans-4-hydroxy-L-proline
Patent: US 6242231-A 7 05-UDN-2001,
                                                                                                                                                                                                                                             Length 20;
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84.2%; Pred. No. 4.8e+02;
tive 0; Mismatches 3; Indels
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84.2%; Pred. No. 4.8e+02;
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Unclassified.
1 (Dases 1 to 20)
Bennett, C. Frank. and Cowsert, L.M.
Antisense inhibition of cytohesin-2 expression
Patent: US 6271029-A 68 07-AUG-2001;
Location/Qualifiers
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84.2%; Pred. No. 4.8e+02;
live 0; Mismatches 3;
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Patent: US 6312900-A 99 06-NOV-2001;
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Sequence 99 from patent US 6312900.
AR176844
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Matches 16; Conservative
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Homo sapiens (human)
JP 2002540761-A/20
JP 2002540761-A/20
21-JAN-2000 JP 2000594836
21-JAN-1999 US 09/234716
PATRICIA A BILLING MEDEL, MAURICE COHEN, TRACEY L COLPITTS, PAULA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PAT 29-SEP-1997
                                                                                                                                                                                                                                                                                                                                                 PI JON D KRATOCHVIL, JOHN C RUSSELL, STEPHEN D STROUPE PC
C12N15/09, C07K14/47, C07K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/ PC
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1 (bases 1 to 20)

Mukaide,M. and Hikichi,K.

OLIGONUCLEOTIDE, DIAGNOSTIC REAGENT FOR HEPATITIS C COMPRISING THE SAME AND METHOD FOR LIAGNOSTIC HEPATITIS C USING THE SAME
PATENT: UP 1995322881-A 5 12-DEC-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                           C12P21/02,C12Q1/68,G01N33/53,G01N33/53,G01N33/566,G01N33/574,G01N37/00,
C12N15/00,C12N5/00
Reagents and methods useful for detecting diseases of the CC
          Reagents and methods useful for detecting diseases of the breast
Patent: JP 2002540761-A 20 03-DEC-2002;
ABBOTT LABORATORIES
                                                                                                                                                                                                                                                                                             JULIAN GORDON, EDWARD N GRANADOS, STEVEN C HODGES, MICHAEL
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Location/Qualifiers
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0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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Artificial sequences.
JP 1995322881-A/5
12-DEC-1995
31-MAY-1994 JP 1994142564
MUWAJDE MASAKZU, HIKICHI KAZUMASA
C12N15/09, C12Q1/68, G01N33/50;
strandedness: Single;
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Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 1995322881-A/5.
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synthetic construct

artificial sequences.

I (bases 1 to 20)

Beck, J.J. and Perry, C.V.

Detection of the Monilinia species using polymerase chain reaction

L SYNGENTA PARTICIPATIONS AG

OS Artificial Sequence

PR 2002237823-A/3

PD 12-NOV-2002

PR 28-FEB-2000 JP 2000602812

PR 01-MAR-1999 US 09/259967

PR JAMES JOSEPH BECK, CHRISTY VILLET PERRY

C C12N15/09, C12Q1/68, C12N15/00

CC Description of Artificial Sequence: oligonucleotide FH Key
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BD243830 20 bp DNA linear PAT 17-JUL-2003
Detection of the Monilinia species using polymerase chain reaction.
BD243830
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                                                                                                                                                                                                                                                                  Gaps
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01-MAR-1999 US 09/288967
JAMES JOSEPH BECK, CHRISTY VIOLET PERRY
C12N15/09, C12201/66, C12N15/09
Description of Artificial Sequence: oligonucleotide FH
Location/Qualifiers
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                     /organism='Artificial Sequence'. Location/Qualifiers
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84.2%; Pred. No. 4.8e+02;
tive 0; Mismatches 3; Indels
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                                                                                                  /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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Homo sapiens (human)
                                                                                                                                                                                                  Query Match 0.8
Best Local Similarity 84.2
Matches 16; Conservative
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FT
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BD243830/C
LOCUS
DEFINITION
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PAT 27-AUG-2002

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PN JP 2001136973-A/3
PD 22-MAY-2001
PP 16-MAY-2001
PF 3ATOSHI TAKAMI, SHIGETOSHI KINOSHITA, SHINICHIRO TADA, HIDETSUGU
PI SATOO
PC C12N15/09, C12Q1/68, C12Q1/68, G01N33/50, C12N15/00 CC IRF-1
RFLE F primer
FH Key
Location/Qualifiers.
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1 (bases 1 to 20)
Lott,T.J., Morrison,C.J., Reiss,B., Lasker,B. and Zakroff,S.
                                                                                                                                            ce 1. .20 /organism='Artificial Sequence'. Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                   Query Match 0.8%; Score 14.2; DB 1; Length 20; Best Local Similarity 84.2%; Pred. No. 4.8e+02; Matches 16; Conservative 0; Mismatches 3; Indels
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llarity 84.2%; Pred. No. 4.8e+02;
Conservative 0; Mismatches 3; Indels
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JP 2001136973-A/3.
Synthetic construct
synthetic construct
artificial sequences.
I chases 1 to 20)
Takami, 5. Tada, S. and Saito, H.
Method for detecting abnormality in IRP-1 gene
Patent: JP 2001136973-A 3 22-MAY-2001;
PN JP 2001136973-A/3
PD 22-MAY-2001
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Method for detecting abnormality in IRF-1 gene.
E43716
                                               TAKAO ITO,HIROYUKI YASHIRO,KATSUMI OZAKI
C12N15/09,C12Q1/68,C12N15/00
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                            Location/Qualifiers

    .20
    forganism="synthetic construct"
/mol type="genomic DNA"
    /db_xref="taxon:32630"

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09-DEC-1998 JP 1998349472
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FFECPPR
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PCR primer for detecting Mycobacterium avium and Mycobacterium
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OC Artificial sequences.

OC Artificial sequences.

DD 05-MAR-1996

PF 19-506698-A/1

PF 18-AUG-1994 JF 1994215248

PF 18-AUG-1994 JF 1994215248

PF 18-AUG-1994 JF 1994215248

CC Strandedness: Single;

CC Strandedness: Single;

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               Length 20;
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1 (bases 1 to 20)

Nishimori,T., Eguchi,M. and Tanaka,S.

METHOD FOR IDENTIFYING MYCOBACTERIUM AVIUM COMPLEX
PATENT: JP 1996056698-A 1 05-MAR.1996;
NORIN SUISANSYO KACHIKU EISEI SHIKENJO
             Query Match
0.8%; Score 14.2; DB 1; Length 2
Best Local Similarity 84.2%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1. .20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                               916 CTGTTCCTGTTCCAGCTGC 934
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Length polymorphisms in (dC-dA).sub.n.(dG-dT).sub.n sequences and method of using the same
Patent: US 5582979-A 339 10-DEC-1996;
Location/Qualifiers
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1 (bases 1 to 20)
Ligon,J.M. and Beck,J.J.
Detection of fungal pathogens using the polymerase chain reaction
Patent: US 5585238-A 39 17-DEC-1996;
Location/Qualifiers
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1 (bases 1 to 20)
Ligon,J.M. and Beck,J.J.
Detection of fungal pathogens using the polymerase chain reaction
Patent: US 5585238-A 40 17-DEC-1996;
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llarity 84.2%; Pred. No. 4.8e+02;
Conservative 0; Mismatches 3; Indels
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Sequence 339 from patent US 5582979.
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Sequence 40 from patent US 5585238.
I32096.
I32096.1 GI:1822887
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Sequence 39 from patent US 5585238.
132095 132095.1 GI:1822886
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/mol_type="unassigned DNA"
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1 (bases 1 to 20)
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                                                                                                                                                                                                                                                                                                                                                                                                        Unclassified.
Unclassified.
Lott, T.J., Morrison, C.J., Reiss, E., Lasker, B. and Zakroff, S.
Nucleic acid probes and methods for detecting Candida DNA cells in blood
Nucleic acid probes and methods for detecting Candida DNA cells in
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Unclassified.
Unclassified.
I (bases 1 to 20)
Anderson,K.; Draper,K. and Baker,B.
Oligonuclectides for modulating the effects of cytomegalovirus infections
Patent: US 5442049-A 30 15-AUG-1995;
Location/Qualifiers
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84.2%; Pred. No. 4.88+02;
live 0; Mismatches 3; Indels
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0.8%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 3;
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Sequence 30 from patent US 5442049.
113822 113822.1 GI:996252
                            Patent: US 5426027-A 2 20-JUN-1995;
Location/Qualifiers
Location="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Location/Qualifiers
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Sequence 4 from patent US 5426027.
112484
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Lott,T.J., Morrison,C.J., Reiss,E., Lasker,B. and Zakroff,S.
Lott,T.J., Morrison,C.J., Reiss,E., Lasker,B. and Zakroff,S.
Nucleic acid probes and methods for detecting Candida krusei cells in blood
in blood
Patent: US 5635353-A 2 03-JUN-1997;
Patent: US 5635053-A 2 03-JUN-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unknown.
Unclassified.
1 (bases 1 to 20)
Lott,T.J., Morrison,C.J., Reiss,E., Lasker,B. and Zakroff,S.
Nucleic acid sequences and methods for detecting candida tropicalis
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1 (bases I to 20)

Lott,T.J., Morrison,C.J., Reiss,E., Lasker,B. and Zakroff,S.

Nucleic acid probes and methods for detecting Candida krusei cells in blood
Patent: US 5635353,A 4 03-JUN-1997;
                                                                                                                                                                                                                                                                                                                                                Query Match 0.8%; Score 14.2; DB 1; Length 20; Best Local Similarity 84.2%; Pred. No. 4.8e+02; Matches 16; Conservative 0; Mismatches 3; Indels
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/organism="unknown"
/mol_type="unassigned DNA"
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Location/Qualifiers
                        144634 2 from patent US 5635353.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4 from patent US 5635353.
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Sequence 2 from patent US 5645992.
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Unclassified.
Unclassified.
Lott,T.J., Morrison,C.J., Reiss,E., Lasker,B. and Zakroff,S.
Nucleic acid probes and methods for detecting Candida glabrata DNA in blood
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1 (bases 1 to 20)

Lott, T.J., Morrison, C.J., Reiss, E., Lasker, B. and Zakroff, S.

Nucleic acid probes and methods for detecting Candida glabrata DNA in blood
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Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
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Location/Qualifiers
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Sequence 4 from patent US 5631132.
143105.
143105.1 GI:2468349
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Sequence 2 from patent US 5631132.
Location/Qualifiers
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143103.1 GI:2468347
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1 (bases 1 to 20)
Beck,J.Joseph.
Detection of wheat and barley fungal pathogens using the polymerase chain reaction
Patent: US 638680-A 2 19-MAR-2002;
Location/Qualifiers
       PAT 03-APR-1998
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Back, Joseph.

Detection of wheat and barley fungal pathogens using the polymerase chain reaction
Patent: US 6358680-A 3 19-MAR-2002;
Location/Qualifiers
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Unclassified.
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1 (bases 1 to 20)
Lott,T.J., Morrison,C.J., Reiss,E., Lasker,B. and Zakroff,S.
Nucleic acid probes for candida parapsilosis and methods for detecting candidaes in blood
Patent: US 5688644-A 4 18-NOV-1997,
Location/Qualifiers
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Sequence 4 from patent US 5688644.
I74349.1 GI:3010490
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Sequence 2 from patent US 6358680.
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Sequence 3 from patent US
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Best Local Similarity 84.2°
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1 (bases 1 to 20)
Lott,T.J., Morrison,C.J., Reiss,E., Lasker,B. and Zakroff,S.
Nucleic acid sequences and methods for detecting candida tropicalis in blood
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1 (bases 1 to 20)

Lott,T.J., Morrison,C.J., Reiss,E., Lasker,B. and Zakroff,S.
Nucleic acid probes for candida parapsilosis and methods for detecting candidiasis in blood
Patent: US 5688644-A 2 18-NoV-1997;

Location/Qualifiers
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84.2%; Pred. No. 4.8e+02;
tive 0; Mismatches 3;
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Location/Qualifiers
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Sequence 2 from patent US 5688644.
174347.1 GI:3010488
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Sequence 4 from patent US 5645992.
              /organism="unknown"
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IS1815.1 GI:2473016
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Matches 16; Conserv
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DEFINITION ACCESSION VERSION KEYWORDS SOURCE

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AUTHORS TITLE REFERENCE

JOURNAL

RESULT 457 174347/c LOCUS

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FEATURES

RESULT 458 I74349

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DEFINITION ACCESSION VERSION KEYWORDS SOURCE

ORGANISM

REFERENCE AUTHORS TITLE

JOURNAL

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PAT 20-DEC-2002
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Antisense modulation of B2F transcription factor 2 expression Patent: US 644464-A 50 03-SEP-2002;
Location/Qualifiers
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Pred. No. 4.8e+02;
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1 (bases 1 to 20)
Beck,J.J. and Barnett,C.J.
PRR-based detection of Rhizoctonia cerealis
Patent: US 6485907-A 3 26-NOV-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 20)
Beck, J.J. and Barnett, C.J.
PRR-based detection of Rhizoctomia cerealis
Patent: US 6485907-A 2 26-NOV-2002;
                                                                                                                                                                                                                                                                                                                                             Score 14.2; DB 1;
Pred. No. 4.8e+02;
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0.8%; Score 14.2; D

Best Local Similarity 84.2%; Pred. No. 4.8e

Matches 16; Conservative 0; Mismatches
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Sequence 2 from patent US 6485907.
AR256571 GI:27306174
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Unclassified.
1 (bases 1 to 20)
1 (bases 1 to 20)
Virtanen, J. and Virtanen, S.
Liposome having attached target-binding moiety and artherosclerotic plaque interacting moiety
Patent: US 6379699-A 1 30-APR-2002;
Location/Qualifiers
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84.2%; Pred. No. 4.8e+02;
ative 0; Mismatches 3; Indels
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84.2%; Pred. No. 4.8e+02;
                                                                    Length 20;
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Bennett, C.F. and Cowsert, L.M.
Antisense modulation of calreticulin expression
Patent: US 6426220-A 66 30-UUL-2002;
Location/Qualifiers
                                                                  Query Match

0.8%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 3;
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Sequence 50 from patent US 6444464.
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/organism="unknown"
/wol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                   Sequence 1 from patent US 6379699. AR207557
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Best Local Similarity 84.2 Matches 16; Conservative
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Unclassified.
Unclassified.
Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A., Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polymucleotides and uses thereof
Patent: US 6559294-A 5779 06-MAY-2003;
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Caaki,A., Mori,H., Shibasaki,T., Ando,K. and Chiba,S.
Process for producing trans-4-hydroxy-L-proline
Patent: 18, 6617140-A, 7 09.SEP-2003;
Location/Qualifiers
                                                                                                                                                         0.8%; Score 14.2; DB 1; Length 20; ilarity 84.2%; Pred. No. 4.8e+02; Conservative 0; Mismatches 3; Indels
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                                              Antisense modulation of raidd expression
Patent: US 6551826-A 113 22-APR-2003;
Location/Qualifiers
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AR315242
AR315242.1 GI:31708668
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 7 from patent US 6617140.
AR393857
AR393857.1 GI:40120951
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/wol_type="genomic DNA"
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Watt, A.T.
      Unclassified.
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Unclassified.
B 1 (bases 1 to 20)
R Cohen,D., Chumakov,I. and Blumenfeld,M.
Blallelic markers for use in constructing a high density disequilibrium map of the human genome
AML Patent: US 6537751-A 6583 25-WAR-2003;
Location/Qualifiers
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Unclassified.
I (bases 1 to 20)
Monia,B.P., Gaarde,W.A., Freier,S.M. and Wancewicz,E.
Antisense modulation of TERT expression
Patent: US 6492171-A 89 10-DEC-2002;
Location/Qualifiers
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0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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ilarity 84.2%; Pred. No. 4.8e+02;
Conservative 0; Mismatches 3;
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Sequence 113 from patent US 6551826.
AR307902
0; Mismatches
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Sequence 89 from patent US 6492171.
AR266082
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/organism="unknown"
/mol_type="genomic DNA"
                           1549 CITCGGTCTTCGTCGATGC 1567
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Query Match Best Local Similarity Matches 16; Conserva

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Unknown. Unknown.

ORGANISM

DEFINITION ACCESSION VERSION KEYWORDS SOURCE

RESULT 468 AR307902 LOCUS

Unknown.

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AUTHORS TITLE

JOURNAL FEATURES

REFERENCE

RESULT 467 AR294848

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                                                                                                                                                                                                                                                                                                                                 Unknown.
Unknown.
Unclassified.
I (bases 1 to 20)
Barnett, C. J., Beck, J. J. and Perry, C. V.
Defection of fungal pathogens using the polymerase chain reaction
Patent: US 6645720-A 3 11-NOV-2003;
Location/Qualifiers
Detection of fungal pathogens using the polymerase chain reaction Patent: US 6645720-A 2 11-NOV-2003; Location/Qualifiers
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Best Local Similarity 84.2%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 3;
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84.2%; Pred. No. 4.8e+02;
tive 0; Mismatches 3;
                                                                                                Query Match 0.8%; Score 14.2; DB 1; Best Local Similarity 84.2%; Pred. No. 4.8e+02; Matches 16; Conservative 0; Mismatches 3;
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M Unknown.
Unclassified.

E 1 (bases 1 to 20)

S Bennett, C.F. and Watt, A.T.
Antisense inhibition of src-c expression
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Location/Qualifiers

Location/Qualifiers
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Sequence 147 from patent US 6656732.
AR437095
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/organism="unknown"
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/mol_type="genomic DNA"
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Best Local Similarity 84.2
Matches 16; Conservative
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AR437095/c
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AR429571/c
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Mezes,P.S., Gourlie,B., Rixon,M.W. and Anderson,W.H.K.
Probing method for identifying antibodies specific for selected antiques
Patent: US 6641999-A 24 04-NOV-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unclassified.

1 (bases 1 to 20)
Mezes, P.S., Gourlie, B., Rixon, M.W. and Anderson, W.H.K.
Probing method for identifying antibodies specific for selected antigens
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Unclassified.
1 (bases 1 to 20)
Barnett, C.J., Beck, J.J. and Perry, C.V.
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Location/Qualifiers
                                                                 AR428276 20 bp Sequence 24 from patent US 6641999. AR428276.1 GI:40187731
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Sequence 44 from patent US 6641999.
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Sequence 2 from patent US 6645720.
AR429570
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/organism="unknown"
/mol_type="genomic DNA"
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1 ACGGAGCTCAAGCAGTACC 19
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Best Local Similarity
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Unclassified.
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AR429570
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AR428276/c
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ACCESSION
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KEYWORDS
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AR428293/c
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Vider, B. 2.
A method for identifying and characterizing cells and tissues Patent: WO 9934016-A 233 08-JUJ-1999;
GENENA LTD (IL); VIDER BEN ZION (IL)
Location/Qualifiers
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0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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Pcr-based detection of Rhizoctonia cerealis
Patent: WO 0151653-A 2 19-JUL-2001,
Syngenta Participations AG (CH)
Location/Qualifiers
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Porrbased detection of Rhizoctonia cerealis
Patent: WO 0151653-A 3 19-JUL-2001;
Syngenta Participations AG (CH)
Location/Qualifiers
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/noce="1792"
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Sequence 2 from Patent W00151653.
AX195370 GI:15385919
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artificial sequences.
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AX195370
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AX195371/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                             Vider, B.Z.
A method for identifying and characterizing cells and tissues Patent: WO 9234016-A 1 08-UUL-1999,
GENENA LTD (IL); VIDER BEN ZION (IL)
Location/Qualifiers
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A method for identifying and characterizing cells and tissues
Patent: WO 9934016-A 6 08-UUL-1999;
GENENA LTD (IL); VIDER BEN ZION (IL)
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/mol_type="unassigned DNA"
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Sequence 233 from Patent WO9934016.
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Sequence 1 from Patent W09934016.
AX020501
AX020501.1 GI:10044191
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Sequence 6 from Patent W09934016.
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PAT 28-AUG-2001
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0.8%; Score 14.2; DB 1; Length
Best Local Similarity 84.2%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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0; Mismatches Pred. No.

84.2%;

16; Conservative

Best Local Similarity

Matches

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1549 CTTCGGTCTTCGTCGATGC 1567

19 CTGCGTTCTTCATCGATGC 1

Sequence 4868 from Patent WO0179548.

AX293106.1 GI:17054789

DEFINITION ACCESSION VERSION KEYWORDS SOURCE

RESULT 481 AX293106/c

LOCUS

synthetic construct synthetic construct artificial sequences.

ORGANISM

REFERENCE AUTHORS TITLE

JOURNAL

FEATURES

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Barany, F., Zirvi, M., Gerry, N.P., Favis, R. and Kliman, R. Method of designing addressable array for detection of nucleic acid sequence differences using ligase detection reaction Patent: WO 0179548-A 7687 25-0CT-2001; CORNELL RESEARCH FOUNDAINM, INC. (US)
                     PAT 21-NOV-2001
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Pred. No. 4.8e+02;
0; Mismatches 3;
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"

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/mol_type="unassigned DNA"
    /db xref="taxon:32630"
    /noCe="Primer ITS2"

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                AX295925
Sequence 7687 from Patent WO0179548.
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Detection of mycosphaerella using th
Patent: WO 0196600-A 2 20-DEC-2001;
Syngenta Participations AG (CH)
Location/Qualifiers
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Sequence 2 from Patent W00196600.
AX375722 GI:19170242
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Sequence 3 from Patent WO0196600.
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llarity 84.2%; Pred. No. 4.8e+02;
Conservative 0; Mismatches 3; Indels
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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84.2%; Pred. No. 4.8e+02;
ative 0; Mismatches 3;
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AX293245 20 bp DX Seguence 5007 from Patent WOOl79548. AX293245

AX293245.1 GI:17054928

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AX293245/c

RESULT 482

synthetic construct synthetic construct artificial sequences.

ORGANISM

AUTHORS TITLE

JOURNAL

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REFERENCE

999 GCTCATCAACGAGGGGA 1017

Query Match Best Local Similarity Matches 16; Conserv

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1121 TGCTTGGGTCCACGGACTA 1139

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PAT 27-JAN-2003
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Eukaryota; Pungi, Ascomycota; Pezizomycotina; Eurotiomycetes;
Burotiales; Trichocomaceae; mitosporic Trichocomaceae; Aspergillus.
                                                                                                                                                                                                                                                                                                                                                                      Beck,J.J., Barnett,C.J. and Perry,C.V.
Detection of fungal pathogens using the polymerase chain reaction
Patent: Wo 02077293-A 3 03-0CT-2002;
Syngenta Participations AG (CH)
Location/Qualifiers
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84.2%; Pred. No. 4.8e+02;
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84.2%; Pred. No. 4.8e+02;
tive 0; Mismatches 3;
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    .20
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/note="Primer ITS3"
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Sequence 1 from Patent EP1266967.
AX642908
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Sequence 3 from Patent W002077293.
AX592669.
AX592669.1 GI:27950654
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Best Local Similarity 84.2%
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AX642908/c
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Aegilops tauschii
Bukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnollophyta, Liliopsida, Poales, Poaceae,
Pooldeae, Triticeae, Aegilops.
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Detection of fungal pathogens using the polymerase chain reaction
Patent: WO 02077293-A 2 03-OCT-2002;
Syngenta Participations AG (CH)
Location/Qualifiers
Barnett,C.J. and Beck,J.J.
Detection of mycosphaerella using the polymerase chain reaction
Patent: WO 0195600-A 3 2-0-DEC-2001;
Syngenta Participalions AG (CH)
Location/Qualifiers
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Microsatellite markers from Tritlotton
Patent: EP 12.17079-A 487 26-UTM-2002:
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) (FR)
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                                                                                                                                                                                           Score 14.2; DB 1;
Pred. No. 4.8e+02;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="traxon:32630"
/note="Primer ITS2"
                                                                                                      /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer ITS3"
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    .20
    forganism="Aegilops tauschii"
/mol_type="unassigned DNA"
/db_xref="taxon:37682"

                                                                                                                                                                                             Query Match 0.8%; Score 14.2; D
Best Local Similarity 84.2%; Pred. No. 4.8e
Matches 16; Conservative 0; Mismatches
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Sequence 487 from Patent EP1217079.
AX462743
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Sequence 2 from Patent W002077293.
AX592668
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AX462743
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FEATURES

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BD003396 20 bp DNA linear PAT 31-JAN-2002 Methods and compositions for the detection of Candida spp.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PAT 02-AUG-2002
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JP 2001190279-A/4
17-JUL-2001
13-JAN-2000 JP 2000004160
HIDEKI SAWI, TSUYOSHI NAKAWURA
G12N15/09, C12Q1/04, C12Q1/68// (C12N15/09, C12R1:40), (C12Q1/04, C12N15/00, C12
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Method for detecting Pseudomonas bacteria.
BD011678
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1 (bases 1 to 20)

2 Mari, H. and Nakamura, T.
Method for detecting Pseudomonas bacteria
Patent: JP 2001190279-A 4 17-JUL-2001;
MITSUBISHI HEAVY IND LTD
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/mol_type="genomic DNA"
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/db_xref="taxon:32644"
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BD003396.1 GI:18631357
JP 2001500380-A/4.
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JP 2001190279-A/4.
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synthetic construct
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Description of Artificial Sequence: Ag3002 Reverse"
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Morison, K.J., Raith, H., Holloway, B. and Shin, J.H.
Methods and compositions for the detection of Candida spp
Patent: JP 2001500380-A 2 16-JAN-2001,
Patent: JP 2001500380 A 2 16-JAN-2001,
DEPARTMENT OF THE UNITED STATES OMOKO KAISHO, SECRETARY OF THE
TRANSFER OFFICE
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Location/Qualifiers
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        20 bp DNi
Sequence 1149 from Patent W002068649.
AX922809
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/db_xref="taxon:32644"
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                                                                                                                                       AX922809.1 GI:40215806
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JP 2001500380-A/2.
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SUBJECT S AG

SUBJECT S Unidentified

PN JP 2001512695-A/2

PD 28-AUG-2001

PP 30-AUG-1997 US 08/905314

PI JAMES JOSEF BECK

PC C122L/68,C12N15/09/(C12N15/09,C12R1:77),C12N15/00,(C12N15/00,C12R1:77)

PC C12R1:77)

CC Strandedness: Single;

CC Topology: Linear;

CC Topology: Linear;

CC Topology: Location/Qualifiers
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Examination of fungal pathogen of wheat utilizing polymerase chain
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Examination of fungal pathogen of wheat utilizing polymerase chain
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                                                                                                                                  Query Match 0.8%; Score 14.2; DB 1; Length 20; Best Local Similarity 84.2%; Pred. No. 4.8e+02; Matches 16; Conservative 0; Mismatches 3; Indels
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Location/Qualifiers

1...20

/organism="unidentified"

/organism="unidentified"

/mol_type="genomic DNA"

/db_xref="taxon:32644"
                      Location/Qualifiers.

    .20
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|mol_type="genomic DNA"
|db_xref="taxon:32630"

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C12N15/00, (C12N15/00, C12R1:40)
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BD074170
BD074170
JP 201512619773
Unidentified
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BD074169.1 GI:22619772
JP 2001512695-A/2.
unidentified
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1 (bases 1 to 20)
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              primer
Key
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BD074169
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KEYWORDS
SOURCE
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synthetic construct
artificial sequences.

I (base 1 to 20)
Sawal, H. and Nakamura, T.
Method for detecting Pseudomonas bacteria
Method for detecting Pseudomonas bacteria
Datent: JP 2001190279-A 6 17-JUL-2001;
MITSUBISHI HEAVY IND LTD
OS Artificial sequence
PN JP 2001190279-A/6
PD 17-JUL-2001
PF 13-JAN-2000 JP 2000004160
PF 13-JAN-2000 JP 2000004160
PI HIDEXI SAWAL, TSUYOSHI NAKAMURA
PC C12R1:5/09, C12Q1/04, C12Q1/68// (C12R1:40), (C12Q1/04, PC C12R1:40),
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                          Query Match 0.8%; Score 14.2; DB 1; Length 20; Best Local Similarity 84.2%; Pred. No. 4.8e+02; Matches 16; Conservative 0; Mismatches 3; Indels
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Method for detecting Pseudomonas bacteria.
BD011679
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Location/Qualifiers

    .20
    /organism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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/db_xref="taxon:32630"
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                                                                                        48 ACCAGCAGTGTGACTGCTG 66
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JP 2001190279-A/6.
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BD011680/C
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DEFINITION
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VERSION
KEYWORDS
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ORGANISM
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BD011679/C
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DEFINITION
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AUTHORS
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PAT 27-AUG-2002
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21-AUG-2001
20-UL-1998 U 2000505335
30-UL-1997 US 08/903446
TIMOTHY J LOTT, CHERYL M BLIE, CHRISTINE J MORRISON, ERROL REISS C12Q1/68, G01N33/569
Strandedness: Single;
                                                                                                                                                                                                                                                                                                                                                                                                                        1 (base 1 to 20)
Lott,T.J., Elie,C.M., Morrison,C.J. and Reiss,E.
Nucleic acid probes for detecting candida species
Batent: JP 2001512035-A 14 21-AUG-2001;
THE GOVERNMENT OF THE UNITED STATES OF AMERICA REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEAL NEW ENGLAND MEDICAL CENTER HOSPITALS INC DISEASE CONTROL AND PREVENTION OFFICE OF TECHNOLOGY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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Patent: JP 2001321190-A 1451 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
OS Artificial Sequence
PN JP 2001321190-A/1451
PD 20-NOV-2001
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    0.8%; Score 14.2; DB 1; Length 20; 84.2%; Pred. No. 4.8e+02; ive 0; Mismatches 3; Indels
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                                                                                                                                                                                                                          Nucleic acid probes for detecting candida species. BD080248.1 GI:22625851
JP 2001512015-A/14.
unidentified undentified undenti
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/note= 'ITS3 5.88 rDNA universal 5' primer'
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84.2%; Pred. No. *.c.
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A method of arraying genome clone.
BD089207.
BD089207.1 GI:22634817
BP 2001321190-A/1451.
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/organism="unidentified"
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/db_xref="taxon:32644"
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Location/Qualifiers
                                                                                          1424 GGATCTCCGCAGAGGATGC 1442
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                                                                                                                 20 GGATCTCCGTAGACGAAGC 2
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synthetic construct
artificial sequences.
1 (bases 1 to 20)
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Best Local Similarity 84.25
Matches 16; Conservative
Query Match
Best Local Similarity 84.2'
Matches 16; Conservative
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BD089207
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AUTHORS
TITLE
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                                                                                                                                                                                                                                          30-JUL-1998 JP 2000506366
04-NUG-1997 US 08/905314
JAMES JOSER BECK
C12Q1/68,C12N15/09//(C12N15/09,C12R1:77),C12N15/00,(C12N15/00,
C12R1:77)
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I (bases I to 20)
MCkay, R., Dean, M., Monia, B.P., Scott, P., Nero and Gaarde, W.A.
Antisence oligonucleotide composition and modulation method of JNK
                                                                                   Examination of fungal pathogen of wheat utilizing polymerase chain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     C12Q1/68, A61X31/7088, A61X48/00, A61P35/00, C12N15/09, C12P19/34, C12N15/00
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13-AUG-1997 US 08/910629
ROBERT MCKAY,NICHOLAS DEAN,BRETT P MONIA,PAMELA SCOTT PI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 20;
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Pred. No. 4.8e+02;
0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent: JP 2001514905-A 121 18-SEP-2001;
ISIS PHARMACEUTICALS INC
S Artificial Sequence
PN JP 2001514905-A/121
PD 18-SEP-2001
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                      Patent: JP 2001512695-A 3 28-AUG-2001;
NOVARTIS AG
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                          Strandedness: Single;
                                                                                                                                                                                                                                                                                                                                                                                   Topology: Linear;
/desc = 'primer ITS3'
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BD074697.1 GI:22620300
JP 2001514905-A/121.
synthetic construct
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                                                                                                                                                                           Unidentified
JP 2001512695-A/3
28-AUG-2001
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                                              (bases 1 to 20)
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Matches 16; Conserv
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                                                                                                                                                                              Query Match
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BD074697/c
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KEYWORDS
SOURCE
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Beck, J.J. 10 20).
Detection of wheat and barley fungal pathogens using the polymerase chain reaction
Patent: JP 2002504347-A 2 12-FEB-2002;
NOVARTIS AG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Detection of wheat and barley fungal pathogens using the polymerase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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                                                                                                                                                                             Artificial Sequence
JP 2002504347-A/2
12-FEB-2002
18-FEB-1999 JP 2000532549
20-FEB-1998 US 09/026601
JAMES JOSEPH BECK
JAMES JOSEPH ECK
JAMES JOSEPH ECK
JAMES JOSEPH ECK
LEDINIS/09, C12Q1/68, C12N15/00
Description of Artificial Sequence: primer ITS2 FH
Location/Qualifiers
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12-FEB-2002
18-FEB-1999 JP 2000532549
20-FEB-1999 US 09/026601
JAMES JOSEPH BECK
CINIS/09/12Q1/68,CI2NIS/00
Description of Artificial Sequence: primer ITS3 FH
Location/Qualifiers
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O.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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/organism='Artificial Sequence'
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNa"
/db_xref="taxon:32630"

    .20
    ^corganism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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Patent: JP 2002504347-A 3 12-FEB-2002;
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DP 2002504347-AA/3.
synthetic construct
synthetic construct
artificial sequences.
1 (Dases 1 to 20)
Beck, J.J.
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           BD137888.1 GI:23232833
                        JP 2002504347-A/2.
Synthetic construct
Synthetic construct
artificial sequences
(bases 1 to 20)
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OS Arrificia
PN 17 20259
PF 18-FEB-19
PR 20-FEB-19
PC C12N15/05
CC Descript:
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TITLE
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AUTHORS
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                                                                                      REFERENCE
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        VERSION
KEYWORDS
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12-MAR-2001 JP 2001068285
EIICHI SOEDA
CIENIS/09,CIENIS/09,CIEM1/00,CIEQI/68,GOIN33/53,GOIN33/566, PC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Key
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Novel Scavenger receptor
Patent: WO 0159107-A 14 16-AUG-2001;
FUSO PHARMACEUTICAL INDUSTRIES LTD,NOBUTAKA WAKAMIYA
OS Attificial Sequence
PN WO 0159107-A/14
PN WO 8-FEB-2001 WO 2001JP000874
PR 14-FEB-2001 WO 2001JP000874
PR 14-FEB-2000 JP 00P 35155,10-OCT-2000 JP 00P 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               A01K67/027, A61K45/00, A61P9/10, A61P3/06, A61F3/10 CC Synthetic TGP1 Primer for Cap Site Sequencing. FH Location/Qualifiers
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                                                        /organism='Artificial Sequence'
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    .20
    forganism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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/mol type="genomic DNA"
/db_kref="taxon:32630"
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BD096384
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WO 0159107-A/14.
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synthetic construct
artificial sequences.
1 (bases 1 to 20)
                                               C12N15/00
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Best Local Similarity
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BD096384/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
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BD137888
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Description of Artificial Sequence:Artificially Synthesized CC
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                                                                                                                            ce 1..20
/organism='Artificial Sequence'.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                            Length 20;
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First, M.K. and Muallem, A.

Male infertility Y-deletion detection battery
Patent: JP 2002510962-A 32 09-APR-2002;

PROMEGA CORP
OS Unidentified
PN JP 2002510962-A/32
PD 09-ARR-2002
PF 04-DEC-1997 JP 1998525914
PR 04-DEC-1996 US 08/753979
PI MARIJO KENT FIRST, ARIEGE MUALLEM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20 bp DNA line Male infertility Y-deletion detection battery.
BD195419
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0.8%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 3;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
                                                                                            Location/Qualifiers
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/organiem="unidentified"
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Strandedness: Single;
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JP 2002510962-A/32.
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BD225297.1 GI:33035067
JP 2002509702-A/4.
synthetic construct
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Best Local Similarity 84.2
Matches 16; Conservative
                                                                   Primer Sequence
   C12R1:46)
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unidentified
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BD195419/c
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BD225297
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18  | (bases 1 to 20)

18  | Sasaki,Y. Takeda,M. and Sasaki,T.

19  | Novel plasmid of Streptococcus thermophilus and derivatives thereof

10  | Patent: JP 2002253260-A 12 10-SEP-2002;

11  | MRLY PRODUCTS CO LTD

12  | Artificial Sequence

13  | Artificial Sequence

14  | APACTOC SASAKI,MARTKO TAKEDA,TAKASHI SASAKI

15  | ROWAR-2001 JP 2001059196

16  | Clans,O9,A23KI/16,A61K45/00,C12N1/21/A23C9/123,A23C19/032,

17  | Clans,O9,A23KI/16,A61K45/00,C12N1/21,C12N15/00,(C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C1
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BD174803
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JP 202055479-A/12
02-APR-2002
22-SEP-2000 JP 2000287928
YASUHIRO FUJINO
C12N15/09, AGIX31/7088, AGIX45/00, AGIR48/00, AGIP35/00, AGIP43/00,
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 20)
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      Indels
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Patent: JP 2002095479-A 12 02-APR-2002;
MITSUBLEMI TOXYO PHRRAMACEUTICALS INC
MITSUBLEMI TOXYO PHRRAMACEUTICALS INC
MO SAPIONO (NUMAN)
PN JP 2002095479-A/12
PP 02-SEP-2000 JP 200287928
PI YASUHIRO FUJINO
PC (12N15/09, AGIK31/7088, AGIK45/00, AGIK49
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Key Location/Qualifiers
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0; Mismatches
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Aurora 2 kinase inhibitor.
BD143082
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JP 2002095479-A/12.
Homo sapiens (human)
Homo sapiens
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JP 2002253260-A/12.
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Conservative
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16;
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BD143082/c
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BD174803
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PAT 15-JUL-1993
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Unclassified.

Unclassified.

1 (bases 1 to 21)
Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 54 06-OCT-1998;
Location/Qualifiers
  Query Match 0.8%; Score 14.2; DB 1; Length 20; Best Local Similarity 84.2%; Pred. No. 4.8e+02; Matches 16; Conservative 0; Mismatches 3; Indels
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 54 from patent US 5817796.
AR045261
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 1 from patent US 5820871.
AR047999 GI:5970342
                                                                                                  1526 TTCAGCTACAAAAGGAGG 1544
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1 (bases 1 to 21)
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A04510.1 GI:411002
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          artificial sequences.

I (bases 1 to 20)

Strains isolated from equine Neospora species and utilization patent: JP 2002609702-A 4 02-APR-2002;

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

OS ARTIGICIAL Sequence

N D 2002509702-A/4

PD 02-APR-2002

PF 16-MAR-1999 UP 2000537071

PR 16-MAR-1999 US 09/042600

PI ANTOINETTE E MARSH, PATRICIA A CONRAD, BRADD C BARR PC C12015/09, AGIK39/193, AGIP31/12, C07K14/44, C07K16/20, C12N1/10, PC C12Q1/68, G01N33/569, G01N324/569, G01N33/569, G01N33/577, G01N324/577, G01N324/577, G01N324/577, G
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PCR primer for ITS 1 sequence derived from bovine Neospora FH
Location/Qualifiers
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/organism="synthetic construct"
/organism="synthetic DNA"
/mol_type="genomic DNA"
/db_xref="taxon:3269"
1. .20
/note="forward primer for human STS sts-R140F15R at 1p36
sts-R140F15R obtained from clones B70M12, B20B12, B20P14,
B90E9, B205J15, Human BAC library RPCI-11"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Chen, Y. Z., Hayashi, Y., Wu, J. G., Takaoka, E., Maekawa, K., Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H., Morohashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A. and Soeda, E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Pax:81-22-717-8047)
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Genomics 74 (1), 55-70 (2001)
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Horii, A.
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PAT 08-SEP-2000
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AGIX38/00,AG1P7/04,AG1P9/08,AG1P9/10,AG1P1/02,AG1P43/00// 1
AGIX39/305,AG1P7/04,AG1P9/08,AG1P9/10,AG1P1/02,AG1P43/00// 1
AGIX39/335,
PC AGIX39/335,AGIX45/00,CO7XL4/47,C12N15/09,AGIX37/02,C12N
FY Key
Location/Qualifiers
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BD268744. GI:33078512
UP 5002537270-A/37.
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synthetic construct
artificial squences.

1 (bases 1 to 21)
Sheppard,P.O., Lasser,G.W. and Bishop,P.D.
Inhibitors for use in hemostasis and immune function
Patent: JP 2002537270-A 37 05-NOV-2002;
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Unclassified.
E 1 (bases 1 to 21)
& Palese,P. and Garcia-Sastre,A.
Recombinant negative strand RNA viruses
4ML Patent: US 6001634-A 1 14-DEC-1999;
Location/Qualifiers
              3,
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84.2%; Pred. No. 5.2e+02;
cive 0; Mismatches 3;

    .21
    forganism="synthetic construct"
/mol type="genomic DNA"
    /db_xref="taxon:32630"

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            0; Mismatches
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JP 2002537270-A/37
05-NOV-2002
17-FEB-2000 JP 2000599415
19-FEB-1999 US 09/25360
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                                        908 ACGTGAAACTGTTCCTGTT
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Best Local Similarity 84.2
Matches 16; Conservative
            16; Conservative
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                                 1 (bases 1 to 21)
Palese, P. and Garcia-Sastre, A.
Recombinant negative strand RNA virus expression systems and vaccines
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 21)
Palese, P. and Garcia-Sastre, A.
Recombinant negative strand RNA virus expression systems and
Vaccines
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84.2%; Pred. No. 5.2e+02;
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/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                      Patent: US 5820871-A 1 13-OCT-1998;
Location/Qualifiers
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/mol_type="unassigned DNA"
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Sequence 1 from patent US 5827661.
AR050288
AR050288.1 GI:5973013
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/organism="unknown"
/mol_type="unassigned DNA"
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Location/Qualifiers
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Blais, B.W.
                Unknown.
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AR050288/c
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AR068627
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Unknown.
Unknown.
Unclassified.
I (bases 1 to 21)
Sheppard, P.O., Lasser, G.W. and Bishop, P.D.
Methods of promoting blood flow within the vasculature of a mammal methods of promoting blood flow within the vasculature of a mammal patent: US 6448221-A 41 10-6EP-2002;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 21)
Sheppard, P.O.
Antibodies that bind an adipocyte-specific protein homolog
Patent: US 6518403-A 41 11-FEB-2003;
Location/Qualifiers
 Guida,M. and Kurth,J.
Genotyping the human phenol sulfotransferbase 2 gene STP2
Patent: US 6448003-A 108 10-SEP-2002;
Location/Qualifiers
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Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3;
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Sequence 41 from patent US 6518403.
AR281404 1 GI:29717070
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Sequence 41 from patent US 6448221.
AR229141.1 GI:27268286
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/organism="unknown"
/mol_type="genomic DNA"
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AR229141/c
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Unclassified.
B 1 (Dases 1 to 21)
S Virtanen,J. and Virtanen,S.
Antiviral liposome having coupled target-binding moiety and hydrolytic enzyme
hydrolytic enzyme
AL Patent: US 5718915-A 1 17-FEB-1998;
S Location/Qualifiers
Jurce /organism="unknown"
/mol_type="unassigned DNA"
/mol_type="unassigned DNA"
/mol_type="unassigned DNA"
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Unclassified.
1 (bases 1 to 21)
Stinchoomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646042-A 54 08-JUL-1997;
                                                                                                                                                                                                                                                                                                                                                                     Length 21;
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Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3;
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AR228207.1 GI:27266953
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Sequence 54 from patent US 5646042.
I52313.1 GI:2473514
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 1 from patent US 5718915,
188605.
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822 GAAGICCCICACCCTIGIC 840
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                 21 GAAGICCCICICACGIGIC 3
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Unclassified.
1 (bases 1 to 21)
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AR228207/c
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PAT 28-FEB-2001
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 18 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
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                                                                                               Length 21;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonuclectide primer ZC18365"
                                                                                    ch 0.8%; Score 14.2; DB 1; Similarity 84.2%; Pred. No. 5.2e+02; 16; Conservative 0; Mismatches 3;
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Tryptase-like polypeptide ztrypl
Patent: WO 0112788-A 5 22-FEB-2001,
ZymoGenetics, Inc. (Qualifiers
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/db_xref="taxon:9606"
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Sequence 5 from Patent W00112788.
AX082981.
AX082981.1 GI:13184903
                       /organism="unknown"
/mol_type="genomic DNA"
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/organism="Homo sapiens"
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artificial sequences.
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Homo sapiens
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Best Local Similarity 76.24
Matches 16; Conservative
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Best Local Similarity
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AX094840/c
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84.2%; Pred. No. 5.2e+02;
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84.2%; Pred. No. 5.2e+02;
tive 0; Mismatches 3;
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                                            AR296365 21 bp DNA
Sequence 8100 from patent US 6537751.
AR296365
AR296365.1 GI:31683649
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AR304613.1 GI:31693776
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Sheppard, P.O.
Adipocyte-specific protein homologs
Patent: US 656499-A 41 20-MAY-2003,
Location/Qualifiers
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AR337609.
AR337609.1 GI:33724010
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AR296365/c
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PAT 30-MAR-2001
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                              Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and Mccarthy, J.J.
Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 1320 15-WAR-2001,
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
Location/Qualifiers
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Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 1580 15-WAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
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    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 6 from Patent W00140491.
AX163857
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            AX096142
AX096142.1 GI:13512369
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Best Local Similarity 76.28
Matches 16; Conservative
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AX163857/c
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 824 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
Location/Qualifiers
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Single nucleotide polymorphisms in genes
Patent: WO 011825-0A 1083 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
Location/Qualifiers
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0.8%; Score 14.2; DB 1;
Best Local Similarity 76.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 1; Mismatches 4;
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                                                                                              AX095646 21 bp I
Sequence 824 from Patent W00118250.
AX095646
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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21 GGCTCCCAAAMGTCCTCCTCC
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Best Local Similarity
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VERSION KEYWORDS SOURCE ORGANISM

TITLE JOURNAL

FEATURES

REFERENCE AUTHORS

LOCUS

ACCESSION

RESULT 527

δ qq AX095905

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Gaps

RESULT 528 AX096142 LOCUS DEFINITION

Matches

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Gaps

0;

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PAT 16-FEB-2002
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                 Gaps
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Patent: WO 0198371-A 45 20-DEC-2001;
Develogen AG (DB)
Location/Qualifiers
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Pred. No. 5.2e+02;
0; Mismatches 3; Indels
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04.2%; Pred. No. 5.2e+02;
ve 0; Mismatches 3; Indels
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                                          Query Match 0.8%; Score 14.2; DB 1; Best Local Similarity 84.2%; Pred. No. 5.2e+02; Matches 16; Conservative 0; Mismatches 3;
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/db_xref="taxon:32630"
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Medizinische Hochschule Hannover (DE)
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/db_xref="taxon:9606"
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Sequence 3 from Patent WO02053770.
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Sequence 45 from Patent W00196371.
AX370526
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          /db_xref="taxon:32630"
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Best Local Similarity 84.2
Matches 16; Conservative
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ACCESSION
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Hillan,K.J., Marsters,S.A., Pan,J., Pitti,R.M., Roy,M.A., Smith,V.,
Stone,D.M., Watanabe,C.K. and Wood,W.I.
Compositions and methods for the treatment of tumour
Patent: WO 0153486-A 127 26-JUL-2001;
Genentech, Inc. (US)
Location/Qualifiers
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Hoej, P., Moeller, B.L. and Jones, P.R.

Udp-glucose:aglycon-glucosyltransferase
Patent: Wo 0.140491-A 6 07-JUN-2001;

LUMINUS PTY. LIMITED (AU) ; ROYAL VETERINARY & AGRICULTURAL UNIVERSITY (DK)
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Patent: WO 0196371-A 44 20-DEC-2001;
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// Organism="synthetic construct"
// Organism="synthetic construct"
// Mol_type="unassigned DNA"
// Ab_xref="taxon:32.630"
// note="Synthetic Oligonucleotide Probe."
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Ouery Match

Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3;
                                                                                                                                                                                                        Score 14.2; DB 1;
Pred. No. 5.2e+02;
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/db_xref="teaxon.32630"
/noTe="primer 441F"

    21 /organism="synthetic construct"
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84.2%; Pred. No. 5...
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AX201448
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AX370525
AX370525.1 GI:18857561
                                                                                     Location/Qualifiers
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Location/Qualifiers
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Best Local Similarity 84.2%
Matches 16; Conservative
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ORGANISM
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AX370525/c
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DEFINITION
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JOURNAL
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RESULT 535 AX696157/c LOCUS ORGANISM

KEYWORDS SOURCE

REFERENCE AUTHORS TITLE JOURNAL

FEATURES

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OS Arthilla
PN WO 0125425-A/52
PD 12-APR-2001
FF 25-AUG-2000 WO 2000JP005757
FR 05-OCT-1999 JP 99P 284001
PI YASUHINO FURUICHI, AXIRA SHIMAMOTO, SAORI KITAO, KAORI NISHIKAWA
PC C12M15/12, C12M9/14, C12Q1/68, COTK16/18, GOIN33/53, A01K67/00 CC
Description of Artificial Sequence.Artificially Synthesized CC
Frimer Sequence Location/Qualifiers.
BD012879.1 GI:22093068
W0 0125425-A/52.
SM Synthetic construct
synthetic construct
artificial sequences.
E (bases 1 to 21)
S Furnichi,Y., Shimamoto,A., Kitao,S. and Nishikawa,K.
Nucleus localizing RecQ5-type DNA helicase
L Patent: WO 0125425-A 52 12-APR-2001;
SAORI KITAO,KAORI NISHIKAWA
OS ARTIficial Sequence
DN WO 0125425-A/52
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20-NOV-2001
12-MAR-2001 JP 2001068285
EIICHI SOEDA
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,
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Patent: JP 2001321190-A 301 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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/organism='Artificial Sequence'
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/db_xref="taxon:32630"

    .21
    ^organism="synthetic construct"
/mol_type="genomic DNA"
    /db_xref="taxon:32630"

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JP 2001321190-A/301.
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synthetic construct
artificial sequences,
1 (bases 1 to 21)
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Best Local Similarity 84.2
Matches 16; Conservative
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                                                                                                                                                       Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                          Whittaker, P.A., Meyers, D.A., Postma, D.S. and Bleecker, E.R. Asthma-associated gene Patent: WO 03008640-A 56 30-JAN-2003; Novariis AG (CH); Novartis Pharma GmbH (AT); Wake Forest University Health Sciences (US); Rijksuniversiteit te Groningen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Lin,C.Y., Lin,R.W., You,C.W., Huang,H.H., Lee,B.H., Lee,H.H., Lin,Y.J., Fan,C.C., Hsu,H.C., Shih,C.W., Yeh,C.H., Kao,Y.F., Pan,C.L. and Chan,P.
Method and detector for identifying subtypes of human papilloma
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84.2%; Pred. No. 5.2e+02;
Live 0; Mismatches 3; Indels
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Nucleus localízing RecQ5-type DNA helicase.
BD012879
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Oligonuclectide Gap21-3"
                                                   DNA
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King Car Food Industrial Co., Ltd. (TW)
Location/Qualifiers
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                                              Sequence 56 from Patent W003008640.

    .21
    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

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AX742845
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AX742845/c LOCUS

RESULT 536

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blood DNA.
Hotstart, touchdown PCR. Starting at 60 C, decreasing by one degree for 10 cycles, 25 further cylces at 52. Motif and size of product as found in the reference dog.

Location/Qualifiers
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Synthetic construct DNA, forward primer for human STS sts-N36872 at
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Matanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
and Soeda,B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 98-0875, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /note="forward primer for human STS sts-N36872 at 1p36 sts-N36872 obtained from clones B24G6, B27H21, B375N12, B88B14, 193C6, B122B1, Human BAC library RPCI-11"
Original source text: Canis familiaris female adult peripheral
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84.2%; Pred. No. 5.2e+02;
tive 0; Mismatches 3; Indels
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/organism="Canis familiaris"
/organism="Canis familiaris"
/olo_Lype="genomic DNA"
/db_xref="taxon:9615"
/sex="female"
/cell_type="white blood cells"
/tissue_type="peripheral blood"
/dv_stage="adult"
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0.8%; Score 14.2; DB 1;
Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/note="product size"
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Genomics 74 (1), 55-70 (2001)
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AB068824.1 GI:15129628
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Horii,A.
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Method and detector for identifying subtypes of human papiloma
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04-MAY-2001 IW 90110785
CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BOW-HAENG LEE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               11/0,501M21/64,
GOINB3/53,GOINB3/574,GOINB3/58,GOINB7/00//(C12M1/34,C12R1:93),
(C12Q1/70,C12R1:93),C12N15/00,C12N15/00
Gap 21-3 primer.
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BD184670.1

Synthetic construct
synthetic construct
artificial sequences.

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L bates 1 to 21)

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I bases 1 to 21)

I bates 1 to 20

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I bases 1 to 20

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(Dasse 1 to 21)

Yuzbasiyan-Gurkan, V., Cao, Y., Gurkan, M., Yuxun, W., Venta, P.J., Microsatelite, J. and Blanton, S.H.

Microsatelite for the canine genome
Unpublished (1996)
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CHIH-XIN YEH, YI-FENG CAO, CHIH-LONG PAN
C12N15/09,C12N15/09,C12M1/34,C12Q1/04,C12Q1/42,C12Q1/68 PC
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STS, PCR identification, microsatellite, sequence tagged site.
Canis familiaris (dog)
Canis familiaris
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Best Local Similarity 84.2%; Pred. No. 5.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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PAT 20-APR-2002

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Woolf, \mathbf{T}. Method and reagent for inhibiting the expression of disease related
            Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Pavco, P., McSwiggent for the treatment of diseases or conditions
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 4187 12-FEB-2002;
Location/Qualifiers
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7661 12-FEB-2002;
Location/Qualifiers
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AR188659
AR188659.1 GI:20234664
                                                                           Patent: EP 1260586-A 3232 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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US 6346398.
                                                                                                                                                /organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
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/organism="unknown"
/mol_type="unassigned DNA"
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AR192173.1 GI:20238138
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Nuclectide carrier for diagnosing and treating oral diseases
Patent: WO 02072883-A 139 19-SEP-2002;
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Loses 1 to 15)
Stinchcomb,D.T., Draper,K.G. and McSwiggen,J.
Rel a targeted ribozymes
Patent: US 5658780-A 319 19-AUG-1997;
Location/Qualifiers
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0.8%; Score 14; DB 1; L/
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 0;
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Sequence 319 from patent US 5658780.
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/mol_type="unassigned DNA"
/db xxef="taxon:32644"
/noTe="Bacteria"
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Location/Qualifiers
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AX587117.1 GI:27655992
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I61765.1 GI:2479713
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Unclassified.

(I (bases 1 to 17))

Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 656127, A 1954 20-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unknown.
Unclassified.

Unclassified.

(base 1 to 17)

Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127_A 3450 20-MAY-2003;
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Bavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 656127-A 3462 20-MAY-2003;
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Sequence 3450 from patent US 6566127.
AR326048
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AR326060
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/wol_type="unassigned RNA"
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/organism="unknown"
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1 (bases 1 to 17)

2 vocation/J., Stinchcomb,D. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7677 12-FEB-2002;

Location/Qualifiers
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 7678 12-PEB-2002;
Location/Qualifiers
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100.0%; Pred. No. 4.1e+02;
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100.0%; Pred. No. 4.1e+02;
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AR192190
AR192190.1 GI:20238155
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Sequence 7677 from patent US 6346398,
AR192189
AR192189.1 GI:20238154
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/wol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
              1033 GACTITGGCCIGGC 1046
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                                  4 GACTTTGGCCTGGC 17
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AR192189
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AR324552
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PAT 18-DEC-2003
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1 (bases 1 to 17)

Akhtar,S., Fell,P. and McSwiggen,J.A.

Enzymetic nucleic acid treatment of diseases of conditions related to levels of epidermal growth factor receptors

Patent: US 6623962-A 277 23-SEP-2003;
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Unclassified.
Unclassified.
Akhtar.8s. 1 to 17)
Akhtar.8. Fell.P. and McSwiggen,J.A.
Enzymatic nucleic acid treatment of diseases of conditions related to levels of epidermal growth factor receptors
Patent: US 6623962-A 278 23-SEP-2003;
     1 (bases 1 to 17)
Pavco.P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 6818 20-MAY-2003;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 0;
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AR401937
AR401937.1 GI:40149387
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Sequence 278 from patent US 6623962.
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/organism="unknown"
/wol_type="unassigned RNA"
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/organism="unknown"
/wol_type="genomic DNA"
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Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 3463 20-MAY-2003;
Location/Qualifiers
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(Dases I to 17)

Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Pavco, P., McSwiggen for the treatment of diseases or conditions

related to levels of vascular endothelial growth factor receptor

Patent: US 6566127-A 6817 20-MAY-2003;

Location/Qualifiers
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100.0%; Pred. No. 4.1e+02;
live 0; Mismatches 0;
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Sequence 6817 from patent US 6566127,
AR329415.1 GI:33715223
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17 bp RNA
Sequence 6818 from patent US 6566127.
                                                                                                                      Sequence 3463 from patent US 6566127. AR326061
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/organism="unknown"
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AR329416.1 GI:33715224
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539 CCATCTTTGACAAG 552
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                  ccarctricacaag 15
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RESULT 554

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PAT 07-SEP-2001
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 1785 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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      nogo gene expression
Patent: WO 0159103-A 760 16-AUG-2001;
RIBOZYME FHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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Patent: Wo 0159103-A 2332 16-AUG-2001;
RIBGZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US)
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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/mol type="unassigned RNA"
/mol xref="taxon:32630"
/nofe="Nucleic Acid"
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/organism="synthetic construct"
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Seguence 1785 from Patent WO0159103.
AX216343
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Best Local Similarity 100.0%; Pred. No. 4.1
Matches 14; Conservative 0; Mismatches
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Gu, Y. and Shannon, M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 541 02-DEC-2003;
Location/Qualifiers
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Gu,Y. and Shamon,M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 542 02-DEC-2003;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 0;
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Sequence 541 from patent US 6656700.
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Sequence 542 from patent US 6656700.
AR434119
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Sequence 760 from Patent W00159103.
AX215318
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/mol_type="genomic DNA"
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Methods for the treatment of cancer with irinotecan based on CYP3A5
Patent: WO 03013534-A 356 20-FEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 75 30-AUG-2001;
RIBOZYME PHARMACENTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Best Local Similarity 87.5%; Pred. No. 4.1e+02;
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DBFINITION Sequence 356 from Patent WO03013536.
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Sequence 75 from Patent W00162911.
AX272506
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/organism="Homo sapiens"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 73 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 74 30-MG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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    1.17
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Sequence 74 from Patent W00162911.
AX272505
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Mehtar, S., Fell, P. and Mcswiggen, J.A.

Shkhar, S., Fell, P. and Mcswiggen, J.A.

Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

L. Patent: JP 2001511003-A 277 07-AUG-2001;

RIBOZYME PHARMACEUTICALS INC, ASTON UNIV
OS Unidentified

PN JP 2001511003-A/277

PD 07-AUG-2001

PF 14-JAN-1998 JP 1998532913

PR 31-JAN-1999 US 60/036476, 04-DEC-1997 US 08/985162 PI
C12N9/00, C07K14/71

CC Strandedness: Single;
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1 (bases 1 to 17)

Khtar,S., Fell,P. and Mcswiggen,J.A.

Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

Patent: JP 2001511003-A 278 07-AUG-2001;

RIBOZYME PHARMACEUTICALS INC, ASTON UNIV
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Enzymatic nucleic acid treatment of diseases or conditions related to
levels of epidermal growth factor receptors
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Enzymatic nucleic acid treatment of diseases or conditions
related to
levels of epidermal growth factor receptors
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PN JP 2015:11003-A/278
PN 14-JAN-1999 JP 1998532913
PR 31-JAN-1997 US 60/036476,04-DEC-1997 US 8AGHIR AKHTAK, PATRICIA FELL, JAMES A MCSWIGGEN PC C12N9/00,C07K14/71
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1367 TTGATAGCGACGGG 1380
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Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.

BD067437
BD067437
BD067437
Unidentified unidentified unidentified unclassified.
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                                                                                        Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                        Heinrich, G. and Kerb, R.
Methods for treatment of cancer using irinotecan based on UGTLA1
Patent: WO 03013536-A 356 20.FEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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87.5%; Pred. No. 4.18+02;
tive 1; Mismatches 1; Indels
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100.0%; Pred. No. 4.18+02;
.tive 0; Mismatches 0; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX730205
AX730205.1 GI:30509548
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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AX707589
AX707589.1 GI:29563762
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                                                     Homo sapiens (human)
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Best Local Similarity 100.0
Matches 14; Conservative
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, P., McSwiggent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346399-A 4492 12-PEB-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unclassified.

1 (bases 1 to 18)

Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 2205 20-MAY-2003;
Location/Qualifiers
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/organism='Artificial Sequence'
Location/Qualifiers
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. 4.5e+02;
ches 0;
                                                /organism="synthetic construct'
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                     AR189004 18 bp DNA Sequence 4492 from patent US 6346398.
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Sequence 2205 from patent US 6566127.
AR324803.1 GI:33710611
                                                                                                             Query Match 0.8%; Score 14; DB Best Local Similarity 100.0%; Pred. No. 4.5 Matches 14; Conservative 0; Mismatches
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/organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned RNA"
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AR189004.1 GI:20234969
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JP 2002511276-A/203.
Synthetic construct
synthetic construct
artificial sequences.
1 (bases I to 18)
COWSET, L.M., Baker, B.F., Mcneil, J., Freier, S.M., Sasmor, H.M.,
Brooks, D.G., Ohasi, C., Wyatt, J.R., Borchers, A.H. and Vikkars, T.A.
Identification of genetic targets for modulation by
oligonucleotides and generation of oligonucleotides for gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PR 13-APR-1998 US 60/081483,28-APR-1998 US 09/067638 PI
LEX M COWSERT, BRENDA F BAKER, JOHN MCNEIL, SUSAN M FREIER, HENRI PI
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C12N15/09,C07B61/00,C07B61/00,C12Q1/68,G06F17/30,G06F17/50,C12N15/00
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                                           Gaps
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          Length 17;
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   Query Match
0.8%; Score 14; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 0;
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Baker, B.F. and Cowsert, L.M.
Antisense inhibition of Elk-1 expression
Patent: US 5948680-A 9 07-SEP-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent: JP 2002511276-A 203 16-APR-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
N JP 2002511276-A/203
PD 16-APR-2002
PF 13-APR-1999 JP 2000543647
PR 13-APR-1999 US 60/081483,28-APR-
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/organism="unknown"
/wol_type="unassigned DNA"
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                                                                                            14 CTTGATAGCGACGG 1
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BD183673 19-JUN-2003 Method for classifying genotype of hepatitis B viruses, and primers and probes for the same.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RYUZO UEDA
C12Q1/68, C12N15/09, C12N15/09, C12Q1/70, G01N33/50, G01N33/53, PC
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                        Robbins,J.M. and Tritz,R.
Ribozyme therapy for the treatment of proliferative skin and
diseases
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100.0%; Pred. No. 4.9e+02;
ive 0; Mismatches 0; Indels
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0.8%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                /mol_type="unassigned DNA"
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                                                                                                      Patent: WO 0130362-A 203 03-MAY-2001;
IMMUSOL, INC. (US)
Location/Qualifiers
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/organism="Homo sapiens"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2002355098-A/10.
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BD183673
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Method and nucleic acids for the analysis of a lung cell
proliferative disorder.
Patent: WO 03052135-A 771 26-JUN-2003;
Epigenomics AG (DE)
                                                                                                                                                                  Olek,A. and Berlin,K.
Method for detecting cytosine methylation patterns having high
sensitivity 02072880-A 2 19-SEP-2002,
Patent: WO 02072880-A 2 19-SEP-2002,
Epigenomics AG (DE)
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/orgatism="synthetic construct"
/mol.type="unassigned DNA"
/db_xref="taxon:32630"
/note="Detection oligonucleotide for TIMP3"
                                         linear
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/organism="synthetic construct"
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                                 18 bp
Sequence 2 from Patent WO02072880.
AX663359
AX663359.1 GI:29163699
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Sequence 203 from Patent WO0130362.
AX128985
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AX128985
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    RESULT 574
AX663359
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AX796428
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Novel cdnas encoding catenin-binding proteins with function in signalling and/or gene regulation
Patent: WO 0147954-4 25 05-JTL-2001,
Vlaams Interuniversitair Instituut voor Biotechnologie vzw. (BE)
Location/Qualifiers
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           Query Match 0.8%; Score 14; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 5.3e+02; Matches 14; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 5.3e+02;
ative 0; Mismatches 0; Indels
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1 Similarity 100.0%; Pred. No. 5.3e+02;
14; Conservative 0; Mismatches 0; Indels
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Alpha-2 adrenergic receptor polymorphisms
Patent: WO 0179561-A 22 25-0CT-2001;
Liggett, Stephen B. (US); Small, Kersten M.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="primer FVR463F"
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Sequence 25 from Patent W00147954.
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Sequence 22 from Patent WO0179561.
AX350510
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artificial sequences.
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PN JP 199137256-A/2

PD 25-MAY-1999

PF 12-NOV-1997 JP 1997310887

PR 12-NOV-1997 JP 1997310887

PI OSAMU MATSUSHITA,AKINOBU OKABE,MASATOSHI TEI

PC C12N1/21,C12N1/25,C12N9/52,C12N1/56//(C12N1/50,C12R1:145),

PC (C12N9/56,C12R1:125),C12N1/21,C12R1:19),(C12N9/56,C12R1:145),

PC (C12N9/56,C12R1:125),C12N1/21,C12R1:19),(C12N9/56,C12R1:145),

PC (C12N9/56,C12R1:125),C12N15/00,C12R1:145),CC

CT TOPOLOGY: Linear;

Location/Qualifiers

FT source /Organism='Unidentified',
                                                                                                             E25838 20 bp DNA linear PAT 18-JUN-2001
Novel enzyme active polypeptide and kit for cleaving fused protein
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Osamu, M., Akinobu, O. and Masatoshi, T.
Novel enzyme active polypeptide and kit for cleaving fused protein therewith
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Novel cdnas encoding catemin-binding proteins with function in signalling and/or gene regulation

Patent: WO 0147954-A 14 05-JUL-2001;

Vlaams Interuniversitair Instituut voor Biotechnologie vzw. (BE)
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100.0%; Pred. No. 5.3e+02;
Live 0; Mismatches 0; Indels
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Location/Qualifiers
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/db_xref="texon.32630"
/note="primer FVR293F"
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SEIKAGAKU KOGYO CO LTD
S Unidentified
PN JP 1999137256-A/2
PD 25-MAY-1999
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Sequence 14 from Patent WO0147954.
AX188395
AX188395.1 GI:15142066
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JP 1999137256-A/2.
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SOURCE

AX096145/c

TITLE JOURNAL

FEATURES

AUTHORS

REFERENCE

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unidentified
polypeptide having heparanase activity and
expression of the polypeptide in induced cell
Patent: JP 2001514855-A 14 18-SEP-2001;
INSIGHT STRATEGY & MARKETING LTD, HADASIT MEDICAL RESEARCH SERVICES
& DEVELOPMENT LTD
                                                                                                                                                                                                  OS Nucleic acid

PN JP 2001514855-A/14

PD 18-SEP-2001

PF 31-AUG-1998 JP 200508806

PR 02-SEP-1997 US 08/922170,02-JUL-1998 US 09/109386 PI

IRIS PECKER, ISRAEL VLODAVSKY, FEINSTEIN ELENA

PC CIZNI5/09, A61R38/00, A61P9/10, A61P17/00, A61P29/00, PC
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Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 942 06-0CT-1998;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              expression of the polypeptide in induced cell Location/Qualifiers
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R A61K39/395,

C Polymucleotide encoding polypeptide having CC express:

CC Express:

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0.8%; Score 14; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 0;
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AR046149
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/organism="unknown"
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AR057478
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                PAT 30-MAR-2001
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Polynucleotide encoding polypeptide having heparanase activity and expression of the polypeptide in induced cell.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                             Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and Mccarthy,J.J.
Single nuclectide polymorphisms in genes
Patent: WO 0.11825-0.4 1323 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
Location/Qualifiers
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Single nucleotide polymorphisms in genes
Paingle nucleotide polymorphisms in genes
Patent: WO 0118250-A 1669 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
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                   linear
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ilarity 87.5%; Pred. No. 5.7e+02;
Conservative 1; Mismatches 1; Indels
                   DNA
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            AX096145 21 bp D1
Sequence 1323 from Patent W00118250.
AX096145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1669 from Patent W00118250. AX096491
                                                                                                                                                                                                                                                                                                                                                                                  /organism="Homo sapiens"
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BD074433.1 GI:22620036
JP 2001514855-A/14.
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Homo sapiens
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Best Local Similarity
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Best Local 8
          LOCUS
DEFINITION
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KEYWORDS
SOURCE
ORGANISM
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SOURCE ORGANISM

REFERENCE AUTHORS

JOURNAL

TITLE

FEATURES

RESULT 583 AX096491

Matches

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Gaps

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Key

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Gaps

LOCUS DEFINITION

ACCESSION VERSION KEYWORDS

RESULT 584 BD074433/c

Best Loca Matches

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E5546.1 GI:18629829

S TP 200024939-A/4.

Synthetic construct
synthetic construct
artificial sequences.

I (bases I to 17)

Transpenic animal expressing angiotensin II2 receptor specifically
to vascular tissue animal expressing angiotensin II2 receptor specifically
to vascular tissue animal expressing angiotensin II2 receptor specifically
to vascular tissue animal expressing angiotensin II2 receptor specifically
to vascular tissue animal expressing angiotensin II2 receptor specifically
to vascular tissue animal expressing angiotensin II2 receptor specifically
to vascular tissue animal expressing angiotensin II2 receptor specifically
to vascular tissue animal expressing angiotensin II2 receptor specifically
to vascular tissue animal expressing artificial sequence.

TATSUTA (CIZNIS/OB, CIZNIS/OB, CIZNIS/OB,
                                             13-AUG-2002

24-SEP-1999 JP 200572407

25-SEP-1998 US 60/101757

I JOHN E LANDERS, BARBARA JORDAN, DAVID E HOUSMAN, ALAIN CHAREST PC CIENTS/09, CI201/68, GOIN33/53, GOIN33/56, GOIN33/58, GOIN37/00, PC
                                                                                                                                                                                             C12015/00
Methods and products related to genotyping and DNA analysis FH
Source 1. .17
Source /organism='Homo sapiens (human)'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                17 bp DNA linear PAT 31-JAN-2002 Transgenic animal expressing angiotensin II2 receptor specifically b55461
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1. .17
/organism='Artificial Sequence'.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.8%; Score 13.8; DB 1; Length 17;
88.2%; Pred. No. 4.6e+02;
iive 0; Mismatches 2; Indels
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     Homo sapiens (human)
JP 2002525127-A/554
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Matches 15; Conservative
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PC C12N1
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E55461/c
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17 bp DNA linear PAT 17-JUL-2003 Methods and products related to genotyping and DNA analysis.
BD241607.1 GI:33051377
BD241607.1 GI:33051377
Homo sapiens (human)
Homo sapiens
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     PAT 29-SEP-1999
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Patent: US 6132967-A 1682 17-OCT-2000;
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1 (Dases 1 to 17)
Landers, J. E., Jordan, B., Housman, D. E. and Charest, A. Methods and products related to genotyping and DNA analysis Patent: JP 2002525127, 554 13-AUG-2002;
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Gaps
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                                                                                                                                       Unknown.
Unknown.
Unclassified.
I (bases 1 to 17)
Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 1682 17-NOV-1998;
Localion/Qualifiers
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Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and
Draper, K.G.
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0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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0.8*; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2*; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
     linear
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Sequence 1682 from patent US 6132967.
AR115236
AR115236.1 GI:14095558
AR057478 17 bp DN
Sequence 1682 from patent US 5837542.
AR057478.1 GI:5983055
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/mol_type="unassigned DNA"
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Pavco.P., McSwiggen.J., Stinchcomb,D. and Escobedo,J.
Pavco.P., McSwiggen.for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 4222 12-FEB-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unclassified.

1 (Dases 1 to 17)

2 Stinchcomb, D.T. and Escobedo, J. Barco, P. McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J. Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 1989 20-MAY-2003;
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Sequence 4222 from patent US 6346398.
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Sequence 1989 from patent US 6566127.
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Brown,S.Joel., Dattagupta,N. and Naidu,Y.M.
Method for inhibiting cellular proliferation using antisense
oligonucleotides to interleukin-6 receptor mRNA
Patent: US 5716846-A 10 10-FEB-1998;
Location/Qualifiers
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Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646042-A 942 08-JUL-1997;
Location/Qualifiers
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Swiggen, J.A. and Mamone, J.Anthony.
Hammerhead ribozymes for preferred targets
Patent: US 5646020-A 7 08-UUL-1997;
Location/Qualifiers
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Sequence 942 from patent US 5646042.
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188032
188032.1 GI:3407972
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Sequence 7 from patent US 5646020.
152065
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PAT 18-JUN-2002
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: WO 0188124-A 1240 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Sequence 1240 from Patent WO0188124.
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                                                      /note="capture"
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Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium
tuberculosis complex.
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0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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Gu,Y. and Shannon,M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 575 02-DEC-2003;
Location/Qualifiers
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Sequence 575 from patent US 6656700,
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Sequence 62 from Patent EP1076099.
AX139214
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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                             AR434152.1 GI:40196995
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                                                                              Unknown.
Unclassified.
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AX139214
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                                                              Homo sapiens
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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larity 88.2%; Pred. No. 4.6e+02;
Conservative 0; Mismatches 2; Indels
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Human posh-like protein 1
Patent: EP 1239051-A 1983 11-SEP-2002;
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Patent: EP 1239051-A 280 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 108 11-SEP-2002;
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EP1239051.
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Sequence 280 from Patent EP1239051.
AX530771
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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               AX530599.1 GI:25253005
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Homo sapiens
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Matches 15; Conserv
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AX530599
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mcthod and reagent for the inhibition of erg
Patent: WO 0188124-A 1433 22-NOV-2001;
RIBOZYME PHARRACENTICLES, INC. (US); GLAXO GROUP LIMITED (GR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Butelk
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo
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Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 231 28-MAR-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Seguence 1433 from Patent WOO188124.
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LOCUS AX530599 17 bp D
DBFINITION Sequence 108 from Patent EP1239051.
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AX475010
AX475010.1 GI:22214295
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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AX423097.1 GI:21526479
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             557 TCAGCCGCCGCCTCCGT 573
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                                 1 TCAGCCGCGCCCTCCGT 17
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Best Local Similarity 88.2:
Matches 15; Conservative
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Best Local Similarity
Matches 15, Conserv
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AX475010/c
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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Method and reagent for the inhibition of calcium activated chloride channel -1 (clca.)

Patent: WO 0211674-A 1498 14-FEB-2002;

RIBOZYME PHRANGCELIS, INC. (US); Syntex (U.S.A.) LLC (US);

RIBOZYME PHRANGCELIS, INC. (US); Syntex (U.S.A.) LLC (US);
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                                                                                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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88.2%; Pred. No. 4.6e+02;
Conservative 0; Mismatches 2;
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                                                                                                                                                                                                                                      Sequence 1498 from Patent W00211674.
AX579660

    .17
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    /mol_type="unassigned RNA"
    /db_xref="taxon:9606"

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/mol_type="unassigned RNA"
/db_xref="taxon:32644"
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 /db_xref="taxon:9606"
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Location/Qualifiers
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Homo sapiens
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Matches 15; Conservative
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Method and reagent for the inhibition of calcium activated chloride channel—1 (clca—1)
Patent: WO 0211674-A 808 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
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Patent: WO 0211674-A 809 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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88.2%; Pred. No. 4.6e+02;
tive 0; Mismatches 2; Indels
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Sequence 808 from Patent WO0211674.
AX578970
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
                                                  /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned RNA"
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Homo sapiens
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Best Local Similarity
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Matches 15; Conserv
Aeomica,
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Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Method and reagent for inhibiting HBV viral replication
Patent: EP 128226-A 467 05-MAR-2003;
RIBOZYME PHARMACEUTICALS, INC. (US)
                                                                                                                                                                                                                                                                             /organism="Herpes simplex virus unknown type"
/mol_type="unassigned RNA"
/db_xref="taxon:126283"
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                                                                 Herpes simplex virus unknown type
Herpes simplex virus unknown type
Viruses; dsDNA viruses, no RNA stage; Herpesviridae;
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AX727991.1 GI:30507334
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
Sequence 467 from Patent EP1288296.
AX711167
AX711167.1 GI:29787548
                                                                                                                         Alphaherpesvirinae; Simplexvirus.
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Mus musculus
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AX728285/c
DEFINITION
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Pred. No. 4.6e+02;
0; Mismatches 2; Indels
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   Indels
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Patent: EP 1273660-A 61 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1281758-A 4421 05-FEB-2003;
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol type="unassigned DNA"
/db xref="taxon:9606"
   Mismatches
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Sequence 61 from Patent EP1273660.
AX648221
AX648221.1 GI:29151039
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Location/Qualifiers
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Best Local Similarity 88.23
Matches 15; Conservative
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Best Local Similarity 88.24
Matches 15; Conservative
   Conservative
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Bacteria; Actinobacteria; Actinobacteridae; Actinomycetales; Corynebacterinae; Mycobacteriaceae; Mycobacterium; Mycobacterium tuberculosis complex.
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PD 17-APR-2001
PF 26-JUL-2000 JP 2000225985
PI SADAHIKO SUZUKI_MICHIO NISHIDA_SOICHIRO TAKENISHI PC
C12N15/09,C12N15/09,C12M1/00,C12Q1/68/(C12Q1/68,C12R1:32), PC
(C12Q1/68,C12R1:325),(C12Q1/68,C12R1:33),C12N15/00,C12N15/00 CC
Capture
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Butele
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                       Length 17;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent: WO 03040369-A 2858 15-WAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                          /mol_type="unassigned DNA"
/db xref="taxon:9606"
                                         /organism="Homo sapiens"
Location/Qualifiers
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JP 2001103981-A/62.
Mycobacterium tuberculosis
Mycobacterium tuberculosis
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AX759537
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KEYWORDS
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
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Location/Qualifiers
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0.8%; Score 13.8; DB 1; Length 1
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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Patent: WO 03025176-A 5972 27-MAR-2003;
Molecular Engines Laboratories (FR)
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/db xref="taxon:9606"
                                                                                                                                                                                                  /mol_type="unassigned DNA"
/db_xref="taxon:10090"

    .17
    organism="Homo sapiens"

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                                                                                                                                            Location/Qualifiers
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Matches 15; Conservative
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ACCESSION
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AX735548/c
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AX736869/c
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PAT 27-AUG-2002

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PAT 01-SEP-2000
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Patent: US 5977341-A 19 02-NOV-1999;
Location/Qualifiers
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                                                                                                             Cowsert,L.M.
Antisense inhibiton of human G-alpha-12 expression
Patent: US 5998206-A 10 07-DEC-1999;
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Antisense modulation of G-alpha-11 expression
Patent: US 5951455-A 40 14-SEP-1999;
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AR084040.
AR084040.1 GI:10010811
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Seguence 40 from patent US 5951455.
AR073400
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/wol_type="unassigned DNA"
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/organism="unknown"
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Monia, B.P. and Cowsert, L.M.
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                GI:10019547
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7P 2002569721-A/6482
02-APR-2002
24-MAR-1999 JF 2000541291
27-MAR-1999 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, JAMES A MCSWIGGEN
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C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
                                                                                                                                                                                                                                                                                                                         BD203456 17 bp RNA linear PAT 17-JUL-200 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.

BD203456
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I (bases 1 to 17).
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
Patent: JP 2002509721-A 6482 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
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                                 'organism='Mycobacterium tuberculosis'.
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88.2%; Pred. No. 4.5e+02;
tive 0; Mismatches 2; Indels
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/organism="Mycobacterium tuberculosis"
/mol_type="genomic DNA"
/db_xref="taxon:1773"

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88.2%; Pred. No. 4.6e+02;
iive 0; Mismatches 2;
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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JP 2002509721-A/6482.
Homo sapiens (human)
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Matches 15; Conserv
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AR092795/c
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BD250724.1 GI:33060494
JP 2002511276-4/278.
synthetic construct
artificial sequences.
1 (bases 1 to 18)
Cowsert,L.M., Baker,B.F., Mcneil,J., Freier,S.M., Sasmor,H.M.,
Brooks,D.G., Ohasi,C., Wyatt,J.R., Borchers,A.H. and Vikkars,T.A.
Identification of genetic targets for modulation by
oligonucleotides and generation of oligonucleotides for gene
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ISIS PHARMACEUTICALS INC
OR Artificial Sequence
PN JP 2002511276-A/278
PD 16-APR-2002
PP 13-APR-1999 JP 2000543647
PR 13-APR-1999 US 60/081483, 28-APR-1998 US 09/067638 PI
LEX M COWSERT, BRENDA F BAKER, JOHN MCNEIL, SUSAN M FREIER, HENNI PI
M SASMOR,
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1 (bases 1 to 18)

Draper, K.G., Kisner, D.L., Anderson, K.P. and Chapman, S. Composition and method for treatment of CMV infections Patent: US 6153595-A 32 28-NOV-2000;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.8%; Score 13.8; DB 1; Length 18; 88.2%; Pred. No. 5e+02;
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1 (bases 1 to 18)
GanetaKy, B.S. and Titus, S.A.
Potassium ion channel genes and proteins
Patent: US 6087488-A 10 11-UUL-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                    DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="unknown"
/wol_type="unassigned DNA"
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                                                                                       /organism="unknown"
/wol_type="unassigned DNA"
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Sequence 32 from patent US 6153595.
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1 (Dases 1 to 18)

Cowsert,L.M.
Antisense inhibiton of human G-alpha-12 expression
Patent: US 5998206-A 9 07-DEC-1999;
Location/Qualifiers
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88.2%; Pred. No. 5e+02;
tive 0; Mismatches 2;
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Best Local Similarity 88.2%; Pred. No. 5e+02;
Matches 15; Conservative 0; Mismatches 2;
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                                                                                                                                                                                                                                 Unclassified.

1 (bases 1 to 18)
Ganetzky, B.S. and Titus, S.A.
Polynuclectides encoding herg-3
Patent: US 5986081-A 10 16-NOV-1999;
Location/Qualifiers
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AR103886
AR103886.1 GI:12815474
 Mismatches
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/mol_type="unassigned DNA"
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/organism="unknown"
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Sequence 9 from patent US
AR092794
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AR087498
AR087498.1 GI:10014261
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                             CACCCTTGTCTTTGAGT 847
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Unknown.
Unknown.
Unclassified.

1 (bases 1 to 18)

Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Parco,P., McSwiggen, The treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 3004 20-MAY-2003;

Location/Qualifiers
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 0.8%; Score 13.8; DB 1; Length 18; 88.2%; Pred. No. 5e+02; ive 0; Mismatches 2; Indels
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1 (bases 1 to 18)

Russell,S.J. and Morris,J.

System for monitoring the location of transgenes
Patent: US 6586411-A 22 01-JUL-2003;
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88.2%; Pred. No. 5e+02;
live 0; Mismatches 2;
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US 6566127.
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Sequence 22 from patent US 6586411.
AR350407
AR350407.1 GI:33751526
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Sequence 18 from patent US 6632800.
AR409160.1 GI:40159779
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Seguence 3004 from patent
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C ZIN15/09,C07B61/00,C07B61/00,C12Q1/68,G06F17/30,G06F17/50,C12N15/00

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C2 Antisense Oligonuclectide

'Oration'Qualifiers
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1 (bases 1 to 18)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Rathod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 6244 12-FEB-2002;
Location/Qualifiers
 DOUGLAS G BROOKS, CARA OHASI, JACQUELINE R WYATT, ALEXANDER H
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Anderson, K., Draper, K. and Baker, B.
Oligonuclectides for modulating the effects of cytomegalovirus infections
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88.2%; Pred. No. 5e+02;
tive 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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US 6346398.
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Location/Qualifiers
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Sequence 32 from patent US 5442049.
II3824
II3824.1 GI:996254
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/mol_type="unassigned DNA"
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/organism="unknown"
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Sequence 6244 from patent
AR190756
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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/db_xref="taxon.9606"
/note="Hammerhead ribozyme recognition site for
kinase"
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88.2%; Pred. No. 5e+02;
tive 0; Mismatches 2; Indels
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                                                                                                                  0.8%; Score 13.8; DB 1;
88.2%; Pred. No. 5e+02;
live 0; Mismatches 2;
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/mol type="unassigned DNA"
/dD_xref="taxon:32630"
/nofe="Pximer"
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/organism="synthetic construct"
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IMMUSOL, INC. (US)
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/organism="Homo sapiens"
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Sequence 2 from Patent W00146391.
AXI80424
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Location/Qualifiers
Location/Qualifiers
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AX133055.1 GI:14139365
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Matches 15; Conservative
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Best Local Similarity 88.2
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Spena, A., Rotino, G., Ficcadenti, N. and Defez, R. Method of modulating the expression of genes inducing the parthenocarpic trait in plants
Patent: WO 0105985-A 5 25-JAN-2001;
G.IN. B., ST.R. A. Societe Consortile a.r.l. (IT); Istituto Sperimentale per L'Orticoltura (IT); CONSIGLIO NAZIONALE DELLE RICERCHE (II)
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Best Local Similarity 88.2%; Pred. No. 5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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                                                1 (bases 1 to 18)
Russell,S.J. and Peng,K.W.
System for monitoring the expression of transgenes
Patent: US 6632880-A 18 14-0CT-2003;
Location/Qualifiers
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/note="primer for PCR"
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Segmence 7 from Patent WO0105985.
AX078806
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Sequence 5 from Patent W00105985.
AX078804
                                                                                                                                                                    /mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                                             Alsobrook II, J.P., Anderson, D.W., Burgess, C.E., Boldog, F.L., Casman, S.J., Colman, S.D., Edinger, S.R., Filerman, K., Gerlach, V., Gorman, L., Grosse, W. M., Guo, X., Herrman, J.L., Kekuda, R., Lepley, D.M., Li, L., Macdougali, J.R., Millet, I., Pena, C.E., Spyman, J.A., Rastelli, L., Rieger, D.K., Shimkers, R.A., Smithson, Syptek, K.A., Stone, D.J., Tchernev, V.T., Vernet, C.A., Voss, B.Z., Zerhuzen, B.D., Zhong, H. and Zhong, M. Proteins and nucleic acids encoding same Patent: WO 02064791.A 68 22-AUG-2002; Curagen Corporation (US)
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Pred. No. 5e+02;
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88.2%; Pred. No. 5e+02;
tive 0; Mismatches 2;
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/mol type="unassigned DNA"
/mol type="unassigned DNA"
/db xref="taxon:32630"
/noTe="oligonucleotide primer"
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|mol_type="unassigned DNA"
| xref="taxon:32630"
|noTe="Oligonukleotid"
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AX718621
AX718621.1 GI:29891187
   Pred. No. 5e+02;
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Patent: WO 02103043-A 185 27-DEC-2002;
Vermicon AG (DE)
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Sequence 68 from Patent WO02064791.
AX686024
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Matches 15; Conservative
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Mod_type="unassigned DNA"
/db_xref="unassigned"
/db_xref="taspacerract"
/noTe="Spacermolekul-spacer zwischen Cystatin C und BMP-2"
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                                                                                                                                                                                                                                                                                                          Wiederanders, B. and Maubach, G.
Agent for postoperative use after the removal of bone tumours
Patent: Wo 0178756-A 12 25-OCT-2001;
Depuy Biotech Jena GmbH (DE)
Location/Qualifiers
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Nucleic acid, nucleic acid for detecting chlorinated ethylene-decomposing bacteria, probe, method of detecting chlorinated ethylene-decomposing bacteria, and method of decomposing chlorinated ethylene or ethane

Patent: EP 1176216-A 3 30-JAN-2002,

Kurita Water Industries Ltd. (JP)
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="primer"
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/note="unnamed protein product"
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88.2%; Pred. No. 5e+02;
                                                                                                                                                                  DNA
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/db_xref="G1:17044944"
db_xref="REWTREBB::CAD12163"
/translation="SGGGGG"
                 Mismatches
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                                                                                                                                                          Sequence 12 from Patent W00178756.
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Sequence 3 from Patent EP1176216.
AX356919
AX356919.1 GI:18674118
   Pred. No.
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/transl_table=
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OS Artificial Sequence
PN JP 2002355055-A/3
PD 10-DEC-2002
PD 24-JUL-2001 JP 2001222847
PI KANJI NAKAMURA, TOSHIHIRO UENO
PC C12N15/09, B09C1/10, C02P3/34, C12N1/20, C12N1/20, C12S1:01), (C12N1/20, C12N1/20, B09B3/00 CC
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Unclassified.

Unclassified.

I (bases I to 19)
Draper,K.G. , Kisner,D.L., Anderson,K.P. and Chapman,S.
Composition and method for treatment of CMV infections
Patent: US 6153595-A 31 28-NOV-2000;
Location/Qualifiers
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/organism='Artificial Sequence'.
                                                                                                                                                                                                                                                                         Length 18;
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88.2%; Pred. No. 5.4e+02;
iive 0; Mismatches 2;
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/organism="synthetic construct"
/mol type="genomic DNA"
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                                                                                                                               Location/Qualifiers
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88.2%; Pred. No. 5e+02;
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Other publication FR 2744455 19970808
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                         0; Mismatches
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/db_xref="taxon:32644"
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Sequence 31 from patent US 6153595.
AR120027.
AR120027.1 GI:14102726
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A64617
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                                                                           ______18 bp DNA linear PAT 31-JAN-2002 Transgenic animal with recombinant vascular endothelial growth Eactor B (VEGF-B) DNA and uses thereof.
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Nucleic acid, nucleic acid to detect bacteria having biodegradabil ity for chlorinated ethylene, probe and process to detect bacteria havin g biodegradability for chlorinated ethylene, and process to biodegrade for chlorinated ethylene or ethane.
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Euler,G.V., Aase,K., Betsholtz,C., Eriksson,U., Pek,M., Medhin,S.G.
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articles sequences.

1 (bases 1 to 18)
Nakamura,K. and Ueno,T.
Nakamura,K. and Ueno,T.
Nateler carid, nucleic acid to detect bacteria having biodegradabil ity for chlorinated ethylene, probe and process to detect bacteria havin g biodegradability for chlorinated ethylene, and process to batteria bavin g biodegradability for chlorinated ethylene or ethane
Natura MATER INDUSTRIES LTD
KURITA WATER INDUSTRIES LTD
                                                                                                                                                                                                                                                                                          growth
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18-FEB-1997 US 60/038202
GABRIELLE VON EULER, KARIN AASE, CHRISTER BETSHOLTZ, ULF
                                                                                                                                                                                                                                                                                     Transgenic animal with recombinant vascular endothelial factor B (VEGF-B) DNA and uses thereof Patent: JP 2001500385-A 3 16-JAN-2001, THE LUDWIG INSTITUTE FOR CANCER RESEARCH
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88.2%; Pred. No. 5e+02;
tive 0; Mismatches
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Cl2N5/00,Cl2N15/00,Cl2N15/09
Strandedness: Single;
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JP 2002355055-A/3.
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JP 2001500385-A/3.
                                                                                                                                                                                                                                                                                                                                                     Unidentified
JP 2001500385-A/3
16-JAN-2001
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 AGCGGTGGCGGTGGCGG 18
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Polymorphisms in the human mdr-1 gene and their use in diagnostic
and therapeutic applications
Patent: WO 0109183-A 289 08-FEB-2001;
EPIDAUROS AG Biotechnoigie Aktiengesellschaft (DE)
Location/Qualifiers
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Polymorphisms in the human mdr-1 gene and their use in diagnostic
and therapeutic applications
Patent: WO 0109183-A 291 00-FEB-2001;
                                                                                                                                           Unkinown.
Unclassified.
Unclassified.
I (bases 1 to 19)
MCKay, Freier,S.M. and Wyatt,J.
Antisense modulation of casein kinase 2-alpha prime expression Patent: US 6455307-A 5 24-SEP-2002;
Location/Qualifiers
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Pred. No. 5.4e+02;
1; Mismatches 3;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="r=a or g"
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Squence 5 from patent US 6455307.
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AR232215.1 GI:27274207
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synthetic construct
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Best Local Similarity 78.9%;
Matches 15; Conservative
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Best Local Similarity 88.2
Matches 15; Conservative
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Anderson, K., Draper, K. and Baker, B.
Oligonucleotides for modulating the effects of cytomegalovirus infections
Patent: US 5442049-A 31 15-AUG-1995;
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Unclassified.
Unclassified.
Lee.C.-H. and Jiang, B.
Compounds and methods to determine presence of Histoplasma
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0.8%; Score 13.8; DB 1; Length 1.
Best Local Similarity 88.2%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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88.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 2; Indels
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88.2%; Pred. No. 5.4e+02;
vative 0; Mismatches 2; Indels
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Patent: US 5693501-A 11 02-DEC-1997;
Location/Qualifiers
1. .19
/organism="unknown"
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Sequence 31 from patent US 5442049.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /mol_type="unassigned DNA"
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Sequence 11 from patent US 5693501.
177125
177125.1 GI:3013279
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/organism="unknown"
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Il3823.1 GI:996253
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Best Local Similarity 88.25
Matches 15; Conservative
                                                                                                                                                      15; Conservative
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                     Gaps
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                                 Length 19;
                                                                                Indels
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/mol type="unassigned DNA"
/db xref="texton:9606"
/noTe="CdK3 ribozyme binding site"
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/mol type="unassigned DNA"
/db xref="texton:966"
/noTe="CdK3 ribozyme binding site"
                            0.8%; Score 13.8; DB 1;
88.2%; Pred. No. 5.4e+02;
Live 0; Mismatches 2;
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Location/Qualifiers
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IMMUSOL, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                            Sequence 315 from Patent W00130362.
AX129097
AX129097.1 GI:14135402
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AXI29116
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Homo sapiens
                       Query Match 0.8%
Best Local Similarity 88.2%
Matches 15; Conservative
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Ribozyme therapy for the treatment of proliferative skin and eye diseases
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88.2%; Pred. No. 5.4e+02;
tive 0; Mismatches 2; Indels
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| forganism="Homo sapiens" |
| for type="unassigned DNA" |
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78.9%; Pred. No. 5.4e+02;
Live 1; Mismatches 3;
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Patent: WO 0130362-A 225 03-MAY-2001;
INMUSOL, INC. (US)
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Sequence 225 from Patent W00130362.
AX129007
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Sequence 20 from Patent WO0130362.
AX128802
AX128802.1 GI:14135107
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   Location/Qualifiers
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AX128802
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                                                                       Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                         Robbins, J.M. and Tritz, R.
Ribozyme therapy for the treatment of proliferative skin and eye
diseases
Patent: WO 0130362-A 473 03-MAY-2001;
IMMUSOL, INC. (US)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Cdk4 ribozyme binding site"
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/db_xref="taxon:9606"
/note="Cdk6_ribozyme_binding_site"
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Patent: WO 0130362-A 606 03-MAY-2001;
IMMUSOL, INC. (US)
Location/Qualifiers
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   AX129255
AX129255.1 GI:14135560
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Homo sapiens
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Best Local Similarity 88.2
Matches 15; Conservative
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                              Robbins, J.M. and Tritz, R. Ribozyme therapy for the treatment of proliferative skin and eye diseases patent: WO 0130362-A 335 03-MAY-2001; IMMUSOL, INC. (US).
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Ribozyme therapy for the treatment of
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IMMUSOL, INC. (US)
Location/Qualifiers
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Sequence 335 from Patent W00130362.
AXI29117
AXI29117.1 GI:14135422
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Sequence 460 from Patent W00130362.
AX129242. GI:14135547
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/organism="Homo sapiens"
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Location/Qualifiers
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3 TACCTCTTCCAGCTGCT 19
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Methods for treatment of cancer using irinotecan based on UGTIA1
Patent: WO 03013536-A 472 20-FEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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0.8%; Score 13.8; DB 1;
Best Local Similarity 78.9%; Pred. No. 5.4e+02;
Matches 15; Conservative 1; Mismatches 3;
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0.8%; Score 13.8; DB 1;
Best Local Similarity 78.9%; Pred. No. 5.4e+02;
Matches 15; Conservative 1; Mismatches 3;
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                                                                      /note="y=c or t"
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Methods for the treatment of cancer with irinotecan based on CYP3A5 Patent: WO 03013534-A 472 20-FBB-2003;
Epidauros Biotechnologia AG (DE)
Location/Qualifiers
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
              Robbins,J.M. and Tritz,R. Ribozyme therapy for the treatment of proliferative skin and eye diseases
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0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 5.4e+02;
Matches 15; Conservative 1; Mismatches 3; Indels
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88.2%; Pred. No. 5.4e+02;
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                                                      Patent: WO 0130362-A 2009 03-MAY-2001;
IMMUSOL, INC. (US)
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Sequence 472 from Patent WO03013534.
AX706775
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/organism="Homo sapiens"
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TCCTCTGAGRATGTGCAGT 19
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AX706775/c
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Novel nucleic acid probes, method for determining concentrations of nucleic acid by using the probes, and method for analyzing data obtained by the method.
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Kurane, R., Kanagawa, T., Kamagata, Y., Torimura, M., Kurata, S.,
Yamada, K. and Yokomaku, T.

Novel nucleic acid probes, method for determining concentrations of
nucleic acid by using the probes, and method for analyzing data
obtained by the method
Patent: JP 2002191372-A 97 09-JUL-2002;
WARIOUNE, INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY,
KANKYO ENGINEERING CO LTD
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Key
1. .19
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JP 2002191372-A/97
09-JUL-2002
26-SEP-2001 JP 2001295145
RYUICHIRO KURANE,TAKAHIRO KANAGAWA,YOICHI KAMAGATA,MASAKI
                                                                                                                                                                   PC
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     JP 2002191372-A/90
0-JUL-2002
26-SRP-2001 JP 2001295145
RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAWAGATA, MASAKI
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                                                                                                                                     FI SHINYA KURATA, KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU PC C12N15/09, C12M1/00, C12Q1/68, G01N33/58//G01N33/53, G01N33/56, C12N15/00
CC A partial sequence of the CYP21 gene of human FH Key Location/Qualifiers
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PI SHINYA KURATA, KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU PC
C12N15/09, C12M1/00, C12Q1/68, G01N33/58//G01N33/53, G01N33/566,
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2002191372-A/97.
unidentified
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        PN JP 200
PD 09-JUI
PF 26-SEI
PI RYUICH
TORIMURA,
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KEYWORDS
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Novel nucleic acid probes, method for determining concentrations of nucleic acid by using the probes, and method for analyzing data obtained by the method
Patent: JP 2002191372-A 90 09-JUL-2002;
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD
OS ARTIFICIAL Sequence
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                                 Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Soeda, E.
A method of arraying genome clone
Patent: JP 2001321190-A 744 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
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Description of Artificial Sequence:Synthetic DNA
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88.2%; Pred. No. 5.4e+02;
ive 0; Mismatches 2; Indels
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                              Indels
L Similarity 78.9%; Pred. No. 5.4e+02;
15; Conservative 1; Mismatches 3;
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A method of arraying genome clone.
BD088500

    .19
    /organism="synthetic compostable type="genomic DNA"
    /db_xref="taxon:32630"

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JP 2001321190-A/744
20-NOV-2001
12-MAR-2001 JP 2001068285
EIICHI SOEDA
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JP 2001321190-A/744.
synthetic construct
synthetic construct
artificial sequences.
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DEFINITION
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AUTHORS
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Description of Artificial Sequence:PNA probe, HER-2, position CC
2387-2369
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                                                                                占
                                                                                                                                                                         The sequence hybridizes with a sequence of human CYP21 gene.
Key
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JP 2002113587-A/69
14-MAY-2002
14-MAY-1999 JP 2000547260
04-MAY-1998 DK 0615/98
JACOBS JOHANNES MARIA VAN DONGEN, KARL JOHAN PLUZEK, KIRSTEN
                                                         26-SEP-2001 JP 201295145
RYUICHIRO KURANE,TAKAHIRO KANAGAWA,YOICHI KAMAGATA,MASAKI
                                                                                                                                     PC
C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Method and probes for the detection of chromosome aberrations. BD226523 BD226523.1 GI:33036293 SYLLHAFT.
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1 (bases 1 to 19)
Dongen,J.J.M.V., Pluzek,K.J., Nielsen,K.V. and Adelhorst,K.
Method and probes for the detection of chromosome aberrations
Patent: JP 2002513587-A 69 14-MAX-2002,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                              SHINYA KURATA, KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU PC
C12N15/09, C12Q1/68, G01N33/58//G01N33/53, G01N33/566,
C212N15/00
CC The sequence hybridizes with a sequence of human CYP21 s
FF Key
I location/Qualifiers
FT source
// Organism='Artificial Sequence'.
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Location/Qualifiers
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/organism='Artificial Sequence'
Location/Qualifiers
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Pred. No. 5.4e+02;
0; Mismatches 2;
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Pred. No. 5.4e+02;
0; Mismatches 2;
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                                                                                                                                                                                                                                                                   1. .19
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

    1. 19
    /organism="synthetic col/mol_type="genomic DNA"
    /db_xref="taxon:32630"

   Artificial Sequence
JP 2002191372-A/107
09-JUL-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                      1721 GCCATGTTCACCTGCCC 1737
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Best Local Similarity 88.2%;
Matches 15; Conservative
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synthetic construct
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KIM ADELHORST
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Best Local Similarity 88.2%
Matches 15; Conservative
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                                                                                                                                                                                                                                                     unclassified.

E 1 (Dases 1 to 19)

S Kurane,R., Kamagata,Y., Torimura,M., Kurata,S.,
Yamada,K. and Yokomaku,T.
Novel nucleic acid probes, method for determining concentrations of nucleic acid by using the probes, and method for analyzing data obtained by the method

D Patent: JP 2002191372-A 105 09-JUL-2002;
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD
OS Artificial Sequence
PN JP 2002191372-A/105
PP 26-SEP-2001 JP 2001295145
PP 26-SEP-2001 JP 2001295145
PP 26-SEP-2001 JP 2001295145
PP RYLICHIRO KURANE, TAKAHIRO KANAGANA, YOICHI KAMAGATA, MASAKI PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 19)

Kurane, R., Kanagawa, T., Kamagata, Y., Torimura, M., Kurata, S.,
Yamada, K. and Yokomaku, T.
Novel nucleic acid probes, method for determining concentrations of
nucleic acid by using the probes, and method for analyzing data
obtained by the method
Patent: JP 2002191372-A 107 09-JUL-2002;
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY,
KANKYO ENGINEERING CO LTD
                                                                        DUAD linear PAT 17-JAN-2003 Novel nucleic acid probes, method for determining concentrations of nucleic acid by using the probes, and method for analyzing data obtained by the method.
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Novel nucleic acid probes, method for determining concentrations of obtained by using the probes, and method for analyzing data BD166127
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         The sequence hybridizes with a sequence of human CYP21 gene.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PI SHINYA KURATA, KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU PC C12N15/09, C12M1/00, C12Q1/68, G01N33/58//G01N33/53, G01N33/56, C12N15/00
CC The sequence hybridizes with a sequence of human CYP21 gram Key Location/Qualifiers 1.19
FT source /organism='Artificial Seminance'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                'organism='Artificial Sequence'
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2002191372-A/107.
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JP 2002191372-A/105.
GCCATGTGCACGTGCCC 17
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Best Local S:
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BD166125/c
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PAT 29-MAR-1999
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                                                                                                                                                                                                                                                             Altmann, K. and Schlapbach, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 20)
Chader,G.J., Becerra,S.Patricia., Schwartz,J.P., Taniwaki,T. and
Sugita,Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pignent epithelium-derived factor: characterization of its novel biological activity and sequences encoding and expressing the protein and methods of use Patent: US 5846686-A 13 24-NOV-1998; Location/Qualifiers
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88.2%; Pred. No. 5.9e+02;
iive 0; Mismatches 2;
                                                                                                                                                                                    unidentified
unidentified
unclassified.
1 (bases 1 to 20)
Fontana,A., Constam,D.B., Tobler,A.R., Alt
PUROMYCIN-SENSITIVE AMINOPERTIDASES
Patent: WO 9738114-A 8 16-OCT-1997;
CIBA GEIGY AG (CH)
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 13.8; DB 1;
Pred. No. 5.9e+02;
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                              /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 13 from patent US 5840686.
AR060473
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Sequence 13 from patent US 5849995.
AR066389
AR066389.1 GI:5996605
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Sequence 8 from Patent W09738114.
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/organism="unknown"
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2 CAAGCTGGCAGCGGCTG 18
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Best Local Similarity 88.2%;
Matches 15; Conservative
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Best Local Similarity 88.2
Matches 15; Conservative
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AR066389/c
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AR060473
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A65895/c
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                AB069475 19 bp DNA linear SYN 21-MAY-2003 Synthetic construct DNA, reverse primer for human STS sts-D20714 at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PAT 01-MAR-1995
                                                                                                                                                                                    Chen, Y. Z., Hayashi, Y., Wu, J. G., Takaoka, B., Maekawa, K., Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H., Morohashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A. and Soeda, E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /note="reverse primer for human STS sts-D20714 at 1p36 sts-D20714 obtained from clones B179F20, B346E1, B25B13, Human BAC library RPCI-11"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Process for the attachment of a nucleotide sequence onto a solid support, applications and set for their implementation Patent: FR 2660925-A 118-OCT-1991; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                         Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Madicine, Molecular Pathology, 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8875, Japan (E-mailihorii&mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
Location/Qualifiers
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Human papillomavirus type 6
Viruses; dsDNA viruses, no RNA stage; Papillomaviridae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.8%; Score 13.8; DB 1; Length 19; larity 88.2%; Pred. No. 5.4e+02; Conservative 0; Mismatches 2; Indels
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/mol_type="unassigned DNA"
/db_xref="taxon:31552"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
1. .19
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Genomics 74 (1), 55-70 (2001)
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                                                                                AB069475.1 GI:15130279
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                                                                                                                synthetic construct
synthetic construct
artificial sequences.
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HPV6 specific probe.
A25072
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1 (bases 1 to 20)
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AUTHORS
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PAT 14-FEB-2001
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                                                                                                                                                                                                                                            Alumina plate method and device for controlling temperature
Patent: US 6074868-A 3 13-JUN-2000;
Location/Qualifiers
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ilarity 88.2%; Pred. No. 5.9e+02;
Conservative 0; Mismatches 2;
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                                                                                                           DNA
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1 (bases 1 to 20)
Becker,J.M. and Stacey,G.
Plant peptide transport gene
Patent: US 6080542-A 10 27-JUN-2000;
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 10 from patent US 6080542.
AR099973
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                                                                                                     AR098293 20 bp
Sequence 3 from patent US 6074868.
AR098293
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Unclassified.
1 (bases 1 to 20)
Moncany,M. and Montagnier,L.
                                                                                                                                                                                                                                                                                                                                                                                                  1308 CAAGACATACAACTACC 1324
        552 GCCCCTCAGCCGCCC 568
                                                                                                                                               AR098293.1 GI:12807550
                           GCCCCTCAGCCCCCGAC 18
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1 (bases 1 to 20)
Blumenfeld,M.
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Best Local Similarity
Matches 15; Conserv
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                                     1 (bases 1 to 20)
Hayden,M., Lin,B. and Nasir,J.
Mouse model for Huntington's Disease and related DNA sequences
Patent: US 5849995-A 13 15-DEC-1998;
Location/Qualifiers
                                                                                                                                                                                                    Gaps
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1 (bases 1 to 20)

Dean, N.M., McKay, R., Miraglia, L. and Baker, B.
Antisense oligonucleotide compositions and methods for the inibition of c-un and c-Fos
Patent: US 59858-A 9 16-NOV-1999;

Location/Qualifiers
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Pred. No. 5.9e+02;
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0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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88.2%; Pred. No. 5.9e+02;
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/organism="unknown"
/mol_type="unassigned DNA"
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1 (bases 1 to 20)
Gerhold,D.1.

Cyclin-dependent protein kinase
Patent: US 5968800-A 4 19-0CT-1999;
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/wol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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AR080574
AR080574.1 GI:10007304
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Sequence 9 from patent US 5985558.
AR086188.1 GI:10012954
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1 Similarity 88.2%;
15; Conservative (
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Matches 15; Conservative
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Unclassified.
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AR080574/c
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PAT 08-AUG-2001
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                                                                                                                                                                                                                           Unclassified.

1 (Dases 1 to 20)

Blumenfeld, M. and Chaplin, J.

Thermal cycling or temperature control device and method using alumina plate
alumina plate
Patent: US 6228634-A 3 08-WAY-2001;
Location/Qualifiers
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0.8%; Score 13.8; DB 1; Length 2
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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/organism="unknown"
/wol_type="unassigned DNA"
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AR168275
AR168275.1 GI:17904109
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Location/Qualifiers
                                                                                                               Sequence 3 from patent US 6228634. AR149896
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AR168277
AR168277.1 GI:17904112
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/organism="unknown"
        1182 TGAGATGGCCACAGGCC 1198
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                           19 TGACATGGCCACCGGCC
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1 (bases 1 to 20)
Hartley,J.L.
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Unclassified.
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ACCESSION
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AR168277/c
LOCUS
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SOURCE
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LOCUS
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Moncany, M. and Montagnier, L.
Muclectide sequences derived from the genome of retroviruses of the HIV-1, HIV-2, and SIV type, and their uses in particular for the amplification of the genomes of these retroviruses and for the in vitro diagnosis of the diseases due to these viruses
Patent: US 6194142-A 13 27-FEB-2001,
Location/Qualifiers
Nucleotide sequences derived from the genome of retroviruses of the HIV-1, HIV-2, and SIV type, and their uses in particular for the amplification of the genomes of these retroviruses and for the in vitro diagnosis of the diseases due to these viruses Patent: US 6194142-A II 27-PBB-2001,
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0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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Pred. No. 5.9e+02;
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ARI31361.1 GI:14120264
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/mol_type="unassigned DNA"
                                                                                                        /organism="unknown"
/mol_type="unassigned DNA"
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AR139299 GI:14481795
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
Matches 15; Conserv
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Universal pr
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AR131361/c
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AR139299/c
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Elikaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Bukaryota, Butheria, Carnivora, Fissipedia, Canidae, Canis.

I (bases 1 to 20)

S Galibert, F. and Andre, C.

Total genome radiation hybrid map c canine genome and its use for identification of interesting genes
adentification of interesting genes

L Patent: JP 2002530091-A 746 17-SEP-2002,
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
OS Canis familiaris (dog)
PN JP 2002530091-A/746
PN 15-NOV-1999 US 2000582596
PR 13-NOV-1999 US 60/108193
PI FRANCIS GALIBERT, CATHERINE ANDRE
PC CIZNIS/09, CIZQI/68, CIZNIS/00
                                                                                                                         BD230877 20 bp DNA linear PAT 17-JUL-2003 Total genome radiation hybrid map of canine genome and its use for identification of interesting genes.
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Location/Qualifiers
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Hiroshi,T., Naoki,Y., Toru,K., Kazuyuki,T. and Akira,W.
HIV cofactor inhibitor
Patent: JP 1992/22795-A 60 26-OCT-1999;
YAMANOUCHI PHARMACEUT CO LID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AKIRA WADA
C AGIK48/00,AGIK31/70,AGIK31/70,C12N15/09,C12N15/00
H KAY
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88.2%; Pred. No. 5.9e+02;
tive 0; Mismatches 2;
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/organism="Canis familiaris"
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/db_xref="taxon:9615"
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BD230877.1 GI:33040647
JP 2002530091-A/746.
Canis familiaris (dog)
Canis familiaris
             1631 CCAGCAGCCAGCGGTG 1647
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HIV cofactor inhibitor.
E29906
E29906 I GI:13021301
JP 1999292795-A/60.
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JP 1999292795-A/60
26-OCT-1999
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                                         2 CAAGCTGGCAGCGGCTG
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Best Local Similarity 88.2°
Matches 15; Conservative
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1 (bases 1 to 20)
Hartley,J.L.
Process for controlling contamination of nucleic acid amplification
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Unknow...
Unknow...
Unclassified.
1 (bases 1 to 20)
Chader.G.J., Becerra.S.Patricia., Tombran-Tink,J., Johnson,L.V.,
Steele,F.R. and Rodriguez.1.
Pigment epithelium-derived factor: characterization, genomic
organization and sequence of PEDF gene
Patent: US 6319687-A 13 20-NOV-2001;
Location/Qualifiers
                                                                                                                                                                                              Gaps
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Unclassified.

Unclassified.

BS Dean,N.M., McKay,R., Miraglia,L. and Baker,B.

Antisense oligonuclectide compositions and methods for the modulation of activating protein 1

NAL Patent: US 6312900-A 9 06-NOV-2001,

Location/Qualifiers

Location/Qualifiers
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88.2%; Pred. No. 5.9e+02;
ve 0; Mismatches 2;
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Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2;
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                                                                                                            /organism="unknown"
/mol_type="unassigned DNA"
                                                              Patent: US 6287823-A 3 11-SEP-2001;
Location/Qualifiers
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Sequence 9 from patent US
AR176754
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PAT 07-0CT-1996
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2 May Objien,A.J.J. Rietveld,K., Hoekema,A., Pen,J., Sijmons,P.C.,
Verwoerd,F.C. and Quax,M.J.
Production of enzymes in seeds and their use
Patent: US 5543576-A 30 06-AUG-1996;
Datent: Location/Qualifiers
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Unknosm.

10 Classified.
1 (Dasss 1 to 20)
Van Ooijen,A.J.J., Rietveld,K., Hoekema,A., Pen,J., Sijmons,P.C.
and Verwoerd,T.C.
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88.2%; Pred. No. 5.9e+02;
Live 0; Mismatches 2; Indels
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0.8%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2;
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        JOURNAL Patent: US 5538871-A 3 23-JUL-1996;
FEATURES Location/Qualifiers
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Sequence 30 from patent US 5543576.
124550
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Patent: US 5593963-A 31 14-JAN-1997;
Location/Qualifiers
                                                                     /mol_type="unassigned DNA"
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Sequence 31 from patent US 5593963.
133892 131:1824683
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/wol_type="unassigned DNA"
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/organism="unknown"
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/organism="unknown"
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Best Local Similarity 88.2%
Matches 15; Conservative
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133892/c
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(bases 1 to 20)

Serizawa,N., Haruyama,H., Takahashi,W., Nakahara,K. and Yonehara,S.
Antihuman Fas humanized antibody-containing antirheumatic
Patent: JP 2000154149-A 42 06-JUN-2000;
SANKYO CO LTD
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88.2%; Pred. No. 5.9e+02;
ative 0; Mismatches 2; Indels
                                                                                                                                                            2; Indels
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                 organism='Unidentified'
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Unclassified.
1 (bases 1 to 20)
Nuovo,G.J. and Bloch,W.
In situ polymerase chain reaction
                                               1. .20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Artificial Sequence
JP 2000154149-A/42
06-JUN-2000
17-SEP-1999 JP 1999263984
                                Location/Qualifiers
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Best Local Similarity
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                                                                                                                                                                                                                                                                                     Unknown.
Unclassified.
1 (bases 1 to 20)
1 (bases 1 to 20)
Van Ooijen,A.J.J., Rietveld,K., Hoekema,A., Pen,J.,
Sijmons,P.Christian., Verwoerd,T.Cornelis. and Quax,W.Johannes.
Production of enzymes in seeds and their use
Patent: US 5714474-A 13 03-FEB-1998;
Location/Qualifiers
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Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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Unknown.
Unknown.
Unknown.

E 1 (bases 1 to 20)

S Hermeking,H., Vogelstein,B. and Kinzler,K.W.

14-3-3:sigma. arrests the cell cycle

AL Patent: US 6335156-A 12 01-JAN-2002;

Location/Qualifiers
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0.8%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2;
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Sequence 13 from patent US 5714474.
        1. .20
/organism="unknown"
/mol_type="unassigned DNA"
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Best Local Similarity 88.2
Matches 15; Conservative
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AR181185/c
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AR207183
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Hartley,J.L. and Berninger,M.
Process for controlling contamination of nucleic acid amplification
                               PAT 03-APR-1998
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88.2%; Pred. No. 5.9e+02;
Live 0; Mismatches 2; Indels
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1 (bases 1 to 20)
Becker, J.M. and Stacey, G.
Blant peptide transport gene
Patent: US 5689039-A 10 18-NOV-1997;
Location/Qualifiers
                                                                                                                                                                                                                                             /mol_type="unassigned DNA"
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Sequence 10 from patent US 5689039.
175069.1 GI:3011210
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Location/Qualifiers
                             172323 20 bp
Sequence 1 from patent US 5683896.
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Squence 3 from patent US 5683896.
172325 101:3008464
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I72323.1 GI:3008462
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Best Local Similarity 88.23
Matches 15; Conservative
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Unclassified.
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RESULT 691
172323/c
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175069/c
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TITLE
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FEATURES
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I72325/c
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                   Gaps
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Baker, B.F. and Freier, S.M.
Antisense modulation of interleukin 12 p40 subunit expression
Patent: US 6448081-A 39 10-SEP-2002;
Location/Qualifiers
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Unclassified...
Unclassified...
I (bases 1 to 20)
Tombran-Tink,J., Chader,G.J., Becerra,S.P., Rodriguez,I.R.,
Steele,F.R. and Johnson,L.V.
Retinal pigmented epithelium derived neurotrophic factor and
methods of use
Patent: US 6451763-A 9 17-SEP-2002;
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88.2%; Pred. No. 5.9e+02;
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 Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2;
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AR229029
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Sequence 47 from patent US 6331420.
AR265716 GI:28075664
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20 bp
Sequence 9 from patent US 6451763.
AR231242. GI:27272154
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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                                             1152 TGACATGTGGGGTGTGG 1168
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                                                                    17 TGAGATGTGTGGTGTGG
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Matches 15; Conservative
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Unclassified.
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VERSION
KEYWORDS
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88.2%; Pred. No. 5.9e+02;
cive 0; Mismatches 2; Indels
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1 (bases 1 to 20)
Bennett,C.Frank. and Cowsert,L.M.
Antisense inhibition of cytohesin-1 expression
Patent: US 6333809-A 66 07 MAY-2002;
Location/Qualifiers
                                                                             Unknown.
Unknown.
1 (bases 1 to 20)
Bennett, C.Frank. and Cowsert, L.M.
Antisense modulation of talin expression
Patent: US 6372492-A 77 16-APR-2002;
Location/Qualifiers
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/organism="unknown"
/wol_type="unassigned DNA"
                                                                                                                                                                                          /organism="unknown"
/mol_type="unassigned DNA"
Sequence 77 from patent US 6372492.
AR207183
AR207183.1 GI:21506014
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/mol_type="genomic DNA"
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1. 20
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Monia, B.P.
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Best Local Similarity
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Best Local
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1 (bases 1 to 20)
Hartley, J.L.
Process for controlling contamination of nucleic acid amplification reactions
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Unclassified.

In Chases 1 to 20)

RS Cohen,D., Chumakov,I. and Blumenfeld,M.

Blallelic markers for use in constructing a high density disequilibrium map of the human genome disequilibrium map of the human genome

NAL Patent: US 6537751-A 4109 25-MAR-2003;

Location/Qualifiers
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88.2%; Pred. No. 5.9e+02;
live 0; Mismatches 2; Indels
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. 5.9e+02;
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Outlier 13.8; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2;
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Sequence 4109 from patent US 6537751.
          88.2%; Pred. No. 5.96 tive 0; Mismatches
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Location/Qualifiers
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                                                                                                                                                         Sequence 3 from patent US 6518026.
AR280012
AR280012.1 GI:29715201
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                                                    1308 CAAGACATACAACTACC 1324
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                                                                             17 CAAGACATACATCGACC 1
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          Best Local Similarity 88.2
Matches 15; Conservative
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Matches 15; Conserv
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ACCESSION
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AR280012/c
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AR292374/c
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AR305403/c
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                          Unclassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

Wilson,C.R., Craft,D.L., Eirich,L.D., Eshoo,M., Madduri,K.M.,
Cornett,C.A., Brenner,A.A., Tang,M., Loper,J.C. and Gleeson,M.
Cytochrome P450 monooxygenase and NADPH cytochrome P450

oxidoreductase genes and proteins related to the omega hydroxylase complex of Candida tropicalis and methods relating thereto
Patent: US 6331420-A 47 18-DEC-2001;
Location/Qualifiers
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Hartley, J.L.
Process for controlling contamination of nucleic acid amplification
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88.2%; Pred. No. 5.9e+02;
Live 0; Mismatches 2; Indels
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Pred. No. 5.9e+02;
0; Mismatches 2;
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Pelz,D.T.
Putting trainer
Patent: US 6503152-A 71 07-JAN-2003;
Location/Qualifiers
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AR271128
AR271128.1 GI:29702431
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Location/Qualifiers
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Sequence 1 from patent US 6518026.
AR280010
AR280010.1 GI:29715199
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/organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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/organism="unknown"
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Best Local Similarity 88.2
Matches 15; Conservative
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Best Local Similarity
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AR271128/c
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AR280010/c
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Goddijn,O.J. and Ohl.S.A.
PLASMIDS FOR PLANT TRANSFORMATION AND METHOD FOR USING THE SAME
PATENTEND 9901563-A 10 14-JAN-1999;
GODDIJN OSCAR JOHANHA MARIA (NL); OHL STEPHAN ANDREAS (NL)
Location/Qualifiers
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 0.8%; Score 13.8; DB 1; Length 20;
88.2%; Pred. No. 5.9e+02;
tive 0; Mismatches 2; Indels
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Pred. No. 5.9e+02;
0; Mismatches 2; Indels
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Antisense modulation of caspase 6 expression
Patent: US 6566135-A 119 20-MAY-2003;
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 10 from Patent W09901563.
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Sequence 4 from Patent WO9835015.
AX031148
AX031148.1 GI:10278502

    .20
    /organism="unknown"
    /mol_type="genomic DNA"

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AR337194.1 GI:33723048
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Best Local Similarity 88.2<sup>3</sup>
Matches 15, Conservative
Query Match 0.8°
Best Local Similarity 88.2
Matches 15; Conservative
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1 (bases 1 to 20)
Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A., Sankaran,B. and Fletcher,L.D.
Sankaran,B. and Fletcher,L.D.
Fallamydia pneumoniae polynucleotides and uses thereof
Patent: US 6559294-A 1337 06-MAY-2003;
Location/Qualifiers
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I (bases 1 to 20)

Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
LDL-receptor
Patent: US 6555654-A 357 29-APR-2003;
Location/Qualifiers
                                                1 (bases 1 to 20)
Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
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88.2%; Pred. No. 5.9e+02;
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Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2;
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US 6559294.
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Location/Qualifiers
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/mol_type="genomic DNA"
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Sequence 357 from patent US 6
AR309507.1 GI:31701512
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 1019 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
                                                                                                                                                                                                                                                                                                                                                                                             Jeekel,J.
Composition for use in preventing postoperative adhesions and/or tumor recurrence
Patent: EP 1103271-A 13 30-MAY-2001;
Budev Medical B.V. (NL)
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0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels
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Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2;
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/db_xref="taxon:32630"
/note="forward primer beta-2"

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    forganism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

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           /mol_type="unassigned_DNA"
/db_xref="taxon:32630"
/note="PRIMBR"
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AX104827
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Infectious retroviruses from a leukemic dog cell line with
extensive homologies to murine leukemia viruses
Patent: WO 0070034-A. 18 23-NOV-2000;
Etablissement Francais du Sang (FR)
Location/Qualifiers
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88.2%; Pred. No. 5.9e+02;
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                                                                                              Cyclin-dependent protein kinase
Patent: WO 9835015-A 4 13-AUG-1998;
GERHOLD DAVID L (US); MERCK & CO INC (US)
Location/Qualifiers
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/mol.type="taxon:32630"
/note="primer"
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Delivery system for antidandruff agent
Patent: WO 0119871-A, 7 22-MAR-2001;
Location/Qualifiers
                                                                                                                                                                             /organism="unidentified"
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Sequence 18 from Patent WO0070024.
AX076817
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Sequence 7 from Patent WO0119871.
AX099836
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wilson, C.R., Craft, D.L., Eirich, L.D., Eshoo, M., Madduri, K.M., Cornett, C.A., Brenner, A.A., Tang, M., Loper, J.C. and Gleeson, M. Cycothrome p450 monoxygeness and nadph cytochrome p450 monoxygeness end nadph cytochrome p450 compoxidate p450 monoxygeness and mathod for the omega hydroxylase complex of Candida tropicalis and methods relating thereto Patent: EP 1148143-A 47 24-OCT-2001; Cognis Corporation (US)
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Primer"
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/db_xref="taxon:32630"
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Sequence 47 from Patent EP1148138.
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AX282173.1 GI:16609390
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Regulatory sequence for the specific expression in dendritic cells and uses thereof
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Reske-Kunz, Angelika (DE) ; Ross, Xiaolan (DE) ; Ross, Ralf
Bros, Matthias (DE)
                                                                                                                                                                                                                                         Rigal,D., Ghernati,I., Corbine,A. and Darlix,J.L. Infectious retroviruses from a leukemic dog cell line with extensive homologies to murine leukemia viruses Patent: BP 1061129-A 18 20-DEC-2000, Etablissement de Transfusion Sanguine de Lyon (FR)
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/organism="synthetic construct"
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/db xref="taxon:32630"
/noCe="artificial sequence"
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/db_xref="taxon:32630"
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Sequence 47 from Patent EP1148143.
AX282173
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Sequence 40 from Patent WO0151631.
AX195336
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Sequence 18 from Patent EP1061129.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Roberts, A.B., Ashcroft, G.S., Russo, A., Mitchell, J.B. and Deng, C. Inhibition of smad to prevent fibrosis and improve wound healing Patent: WO 0189556-A 12 29-NOV-2001;
THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US) Location/Qualifiers
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/note="primer"
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/note="Primer"
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Sequence 12 from Patent WO0189556.
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Sequence 47 from Patent EP1162268.
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           Barany, F., Zirvi, M., Gerry, N.P., Favis, R. and Kliman, R.
Method of designing addressable array for detection of nucleic acid sequence differences using ligase detection reaction
Patent: WO 0179548-A 5151 25-OCT-2001;
CORNELL RESERRCH FOUNDITION, INC. (US)
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Patent: WO 0183749-A 465 08-NOV-2001;

WARNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center (US)
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Mus sp.
Mus sp.
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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                                                                                                                                              /organism="synthetic construct"
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/note="Hypothetical Probe Sequence"
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88.2%; Pred. No. 5.9e+02;
tive 0; Mismatches 2;
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88.2%; Pred. No. 5.9e+02;
iive 0; Mismatches 2;
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/oxganism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 465 from Patent WO0183749.
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Matches 15; Conservative
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AX295376/c
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Aegilops tauschii
Ekwaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae;
Pooideae, Triticeae, Aegilops.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Cohen, D., Blumenfeld, M., Chumakov, I., Abderrahim, H. and Bihain, B. Obesity associated biallelic marker maps
Patent: WO 0206525-A 555 24-JAN-2002;
GENSET (FR)
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Patent: Wo Upg371-A 20 20-DEC-2001;
Develogen AG (DB)
Location/Qualifiers
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/mol_type="unassigned DNA"
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1..20
/note="upstream amplification primer 9-24 for a
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Pred. No. 5.9e+02;
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   DNA
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AX462686.1 GI:21885899
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 AX370501 20 bp
Sequence 20 from Patent WO0196371.
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                                                AX370501.1 GI:18857543
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synthetic construct
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Best Local Similarity 88.2%;
Matches 15; Conservative
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Novel human gene relating to respiratory diseases, obesity, and inflammatory bowel disease
Patent: WO 0178894-A 154 25-OCT-2001;
Genome Therapeutics Corp. (US)
Location/Qualifiers
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88.2%; Pred. No. 5.9e+02;
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88.2%; Pred. No. 5.9e+02;
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Patent: WO 0178894-A 94 25-OCT-2001;
Genome Therapeutics Corp. (US)
Location/Qualifiers
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Seguence 154 from Patent WO0178894.
AX326958
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Sequence 94 from Patent WO0178894.
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AX326898
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AX370501/c
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Curagen Corporation (US)
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                                                                                                                                                                                                                          linear
                                                      2; Indels
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             0.8%; Score 13.8; DB 1;
88.2%; Pred. No. 5.9e+02;
tive 0; Mismatches 2;
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|noTe="Ag2597 Reverse Primer"
                                                                                                                                                                                                              Sequence 1019 from Patent W002053141. AXS47880 AX547880.1 GI:25813024
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Best Local Similarity 88.2
Matches 15; Conservative
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Eukaryota, Fungi, Ascomycota, Saccharomycotina, Saccharomycetes,
Saccharomycetales, mitosporic Saccharomycetales, Candida.
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Saccharomycetales; mitosporic Saccharomycetales; Candida.
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Bernard, M., Sourdille, P. and Guyomarch, H.
Microsatellite markers from Triticum tauschii
Patent: BP 12.7079-A 430 26-JUN-2002;
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) (FR)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Roemer, T., Jiang, B., Boone, C., Bussey, H. and Ohlsen, K.L. Gene disruption methodologies for drug target discovery Patent: WO 02053728-A 5188 11-JUL-2002; Elitra Pharmaceuticals, Inc. (US)
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                                                                                                                                                                                                        0.8%; Score 13.8; DB 1; Length 20;
88.2%; Pred. No. 5.9e+02;
iive 0; Mismatches 2; Indels
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AX487888
AX487888.1 GI:22321968
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                                                                                                                                 /organism="Aegilops tauschii"
/mol_type="unassigned DNA"
/db_xref="taxon:37682"
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/organism="Candida albicans"
/mol_type="unassigned DNA"
/db_xref="taxon:5476"
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/organism="Candida albicans"
/mol_type="unassigned DNA"
/db_xref="taxon:5476"
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Chioccia,G., Tourneur,L., Feunteun,J. and Michiels,F.
Fadd proteins, phosphorylated p38-mapk and fasl as tumour markers
Patent: EP 1324044-A 6 02-UUL-2003;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)
(FR); CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR)
LOCATION/Qualifiers
                                                                                                Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                 Cullen, P. and Seedorf, U. Method for analysing hereditary masculine infertility Patent: WO 03050299-A 73 19-JUN-2003; OGHAM GMBH (DE)
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88.2%; Pred. No. 5.9e+02;
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Pred. No. 5.9e+02;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/note="primer"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Sequence 73 from Patent WO03050299.
AX785565
AX785565.1 GI:32953185
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Sequence 6 from Patent BP1324044.
AX794323
AX794323.1 GI:37515410
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Lin,Y.J., Fan,C.C., Hsu,H.C., Shih,C.W., Yeh,C.H., Kao,Y.F.,
Pan,C.L. and Chan,P.
Method and detector for identifying subtypes of human papilloma
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
/noTe="Oligonucleotide for Identifying HPV 6"
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Pred. No. 5.9e+02;
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Pred. No. 5.9e+02;
0; Mismatches 2; Indels
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/db_xref="taxon:32630"
/note="Oligonuclectide for Identifying HPV
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Patent: EP 1302550-A 465 16-APR-2003;
King Car Food Industrial Co., Ltd. (TW)
Locarion/Qualifiers
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Patent: BP 1302550-A 466 16-APR-2003;
King Car Food Industrial Co., Ltd. (TW)
Location/Qualifiers
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Sequence 465 from Patent EP1302550.
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AUTHORS
                           RESULT 73.
AX742662
LOCUS
                                                                                                           VERSION
KEYWORDS
                                                                                                                                                                                                                                                                                            JOURNAL
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                                                                                                                                             SOURCE
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Gaps

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PAT 04-OCT-2003

0

Gaps

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PAT 13-0CT-2003

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David General protein kinase

Merck co inc

Patent: JP 2001511015-A 2 07-Aug-2001;

Merck co inc

Patent: JP 2001511015-A/2

PD 07-Aug-2001

PP 07-Aug-2001

PR 07-EB-1998 UP 1998534922

PR 07-EB-1997 US 60/037855,14-APR-1997 GB 9707491.8 PI

DAVID L GERHOLD

PC CIZNIS/09,C07K16/40,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N9/PC G01N33/53,C12N0/C12N5/00

CC Strandedness: Single;

CC Strandedness: Single;

CC Tropology: Linear;

CC Tropology: Linear;

FF Key
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PAT 27-AUG-2002
                        Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
1 (bases 1 to 20)
Gerhold, D.L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     S Artificial Sequence
N UP 2001321190-A/752
D 20-NOV-2001
F 12-MAR-2001 UP 2001068285
F 12-MAR-2001 UP 2001068285
C C12N15/09,C12N15/09,C12N15/09,C12N15/09,C12N15/00,C12Q1/68,G01N33/53,G01N33/566,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 A method of arraying genome clone
Patent: JP 200131190-A 752 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
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Description of Artificial Sequence:Synthetic DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       20;
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Pred. No. 5.9e+02;
0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.8%; Score 13.8; DB 1;
88.2%; Pred. No. 5.9e+02;
tive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1.20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   BD088508 20 bp
A method of arraying genome clone.
BD088508
                                                                                                                                                                                                                                                                                                                                                                                                                                   sapiens"
                                                                                                                                                                                                                                                                                                                                                                                                              1. .20
/organism="Homo sapiens
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                             Location/Qualifiers
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JP 2001321190-A/752.
synthetic construct
synthetic construct
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1 (bases 1 to 20)
             Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         18 dercreredededekte
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 88.2*
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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Best Local Similarity
Matches 15; Conserva'
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       SOURCE
ORGANISM
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VERSION
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                                                                             REFERENCE
AUTHORS
                                                                                                                 TITLE
JOURNAL
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JOURNAL
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PN JP 2000093187-A/13

PD 04-APR-2000

PF 24-SEP-1999 UP 1999270165

PR 24-SEP-1999 UP 1999270165

PR 24-SEP-1999 UP 1999270165

PR 24-SEP-1999 UP 1999270165

PR C2-UNN-1989 FR 89/07354,20-SEP-1989 FR 89/12371 PI

MAURICE MONCANY,LUC MONTAGNIER

PC C12N15/09,AG1K39/21,AG1K48/00,AG1P31/18,CO7H21/04,CO7K14/155,

PC C12N15/09,AG1K39/21,AG1K48/00,AG1P31/18,CO7H21/04,CO7K14/155,

PC C12Q1/68,C12Q1/70,G1N33/569,C12N15/00

CC CT2Q1/68,C12Q1/70,G1N33/569,C12N15/00

FT SOURCE 1.20

/ Organism='Artificial Sequence'.
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Synthetic construct
artificial sequences.
I (bases 1 to 20)
Moncany, M. and Montagnier, L.
Immunogenic compounds containing a translation product of nucleotide sequence from retrovirus genome of HIV-1, HIV-2 and SIV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PAT 27-AUG-2002
                                                                                                                                                                                                                                                                                                                                                                                                   Immunogenic compounds containing a translation product of nucleotide sequence from retrovirus genome of HIV-1, HIV-2 and SIV
Patent: WO 03056340-A 6 10-JUL-2003;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERN)
(FR) ; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR)
Location/Qualifiers
                                                                                                                                                                                                                         Gaps
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Patent: JP 2000093187-A 13 04-APR-2000;
INST PASTEDIX,INST NATL DE LA SANTE & DE LA RECHERCHE MEDICAL
OS Artificial Sequence
PN JP 2000093187-A/13
PD 04-APR-2000
PD 1999270165
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/organism='Artificial Sequence'.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 20;
                                                                                                                                                                               Score 13.8; DB 1; Length 2
Pred. No. 5.9e+02;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2; Indels
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0.8%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 5.9e+02;
Matches 15; Conservative 0; Mismatches 2;
                                                                     1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="taxon:32630"
/note="primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="synthetic construct"
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                   1656 CCACACCCCTCACAGGG 1672
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BD001766
BD001766.1 GI:18626325
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JP 2001511015-A/2.
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                                                                                                                                                                           Query Match 0.83
Best Local Similarity 88.27
Matches 15, Conservative
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BD057033/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
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                                                                                                                                                                                                                                                                                                                                            RESULT 739
BD001766/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOURCE
ORGANISM
 JOURNAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AUTHORS
TITLE
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KEYWORDS
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                                                    FEATURES
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Novel LDL-receptor
Patent: JP 2002501376-A 329 15-JAN-2002;
THE WELLCOME TRUST LTD AS TRUSTEE TO THE WELLCOME TRUST, MERCK & CO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          lodd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D., Hammond,H.
            CO7D309/32,C07D493/08,A61K31/351,A61K31/357,A61P43/00,A61P43/
111,A61P1/16,
A61P29/00
                                                           sequence of human GABA(A)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DAVID COX,
DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    · 60/048740 PI
                                                                                                                                                                                                                                                                Gaps
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1 (bases 1 to 20)
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0
                                                                                                                       /organism='Artificial Sequence'
Location/Qualifiers
                                                                                                                                                                                                                                Length 20;
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                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                       linear
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PF 15-JAR-1998 JP 1998541635
PR 15-APR-1997 US 60/043553,05-JUN-1997 US
JOHN ANDREW TODD, JOHN WILFRED HESS,CHARLES
THOMAS CASKEY, ROGER
                                                                                                                                                                                                                                0.8%; Score 13.8; DB 1;
88.2%; Pred. No. 5.9e+02;
iive 0; Mismatches 2;
                                                          Designed primer based on nucleotide receptor-associated protein mRNA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 13.8; DB 1;
Pred. No. 5.9e+02;
                                                                                          Location/Qualifiers
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    .20
    forganism="synthetic construct"
/mol type="genomic DNA"
    /db_xref="taxon:32630"

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/organism="Chlamydia sp."
/mol_type="genomic DNA"
/db_xref="taxon:35827"
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                                                                                                                                                                                                                                                                                          917 TGTTCCTGTTCCAGCTG 933
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Key
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IKUNOSHIN KATO
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Novel LDL-receptor.
BD106314
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Best Local Similarity 88.2
Matches 15; Conservative
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A61K48/00
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Best Local Similarity
Matches 15; Conserva
                                                                                                          source
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FFECCEREF
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                                                                                                                                                       source
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BD128200
LOCUS
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ORGANISM
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BD106314/c
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                                                                                                                                                                                       Synthetic construct
synthetic construct
artificial sequences.

E 1 (bases 1 to 20)
S Uemura,H., Okui,A., Kominami,K., Yamaguchi,N. and Mitsui,S.
Novel serine professe BSSP6
L Patent: WO 0031257-A. 20 02-UTN-2000;
FUSO PHARMACEUTICAL INDUSTRIES LTD, HIDETOSHI UEMURA, AKIRA OKUI,
KATSUTA KOMINAMI, NOZOMI YAMAGUCHI, SHINICHI MITSUI
OS Artificial Sequence
PN WO 0031257-A/20
PD 02-UTM-2000
PP 19-NOV-1999 WO 1999JP006476
PR 20-NOV-1999 WO 1999JP006476
PR 20-NOV-1999 WO 1999JP006476
PR HIDETOSHI UEMURA, AKIRA OKUI, KATSUYA KOMINAMI, NOZOMI YAMAGUCHI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Synthetic construct
SM synthetic construct
artificial sequences.

E 1 (bases 1 to 20)
S Enoki, T., Yamashita, S., Nishimura, K., Sagawa, H. and Kato, I.
Therapeutic agents
Therapeutic agents
I Patent: WO 0151480-A 38 19-JUL-2001;
TAKARA SHUZO CO LTD, TATSUJI ENOKI, SHUSAKU YAMASHITA, KAORI
NISHIWURA, HIROARI SAGAWA, IKUNOSHIN KATO
OS Artificial Sequence
PN WO 0151480-A/38
PD 19-JUL-2001
PP 11-JAM-2000 JP 00P 4989, 03-OCT-2000 JP 00P 303711 PI
TATSUJI ENOKI, SHUSAKU YAMASHITA, KAORI NISHIMURA, HIROAKI SAGAWA,
                                                                                                                     27~AUG-2002
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                                                                                                                                                                                                                                                                                                                                                                                                                                               PG
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Designed oligonucleotide primer designated as hBSSP6R1 for
RACE for human
                                                                                                                                                                                                                                                                                                                                                                                                                            SHINICHI MITSUI
C12N15/12,C12N9/64,C12N5/06,C12N1/21,C07K16/40,C12P21/08,
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                                                                                                                  linear
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Pred. No. 5.9e+02;
0; Mismatches 2;
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Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DRA"
/db_xref="taxon:32630"
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                                                                                                                                Novel serine protease BSSP6.
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BD097079.1 GI:22642667
WO 0151480-A/38.
                                                                                                                                                             BD091606.1 GI:22637217
WO 0031257-A/20.
           CACTACCAGCTGACATC 495
                                     2 CACTACCATCTGACAGC 18
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PN WO 00
PD 02-00
PP 19-NO
PR 20-NO
PI HIDET
PI SHINI
PC C12N1
PC C12N1
A01K67/027
CC Design
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Matches 15
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BD097079
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artificial sequences.

S. Yano, M. and Yamauchi, U. Gene Spir inhibiting lesion formation in plant and utilization artificial sequences.

S. Yano, M. and Yamauchi, U. Gene Spir inhibiting lesion formation in plant and utilization in plant and variation are parent: JP 2002125672-A 10 08-MXY-2002;

DIRECTOR GENERAL OF NATIONAL INSTITUTE OF AGROBIOLOGICAL RESOURCES MINISTRY OF AGRICULTURE FORESTRY AND FISHERIES, SOCIETY FOR TECHNO OS Artificial Sequence
PN JP 2002125672-A/10
PD 08-MXY-2002
PF 18-OCT-2000 JP 2000318557
PT MASAHIRO YANO, UTAKO YAMAUCHI
PC CLENE OF ACTIONAL OF ACTI
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BD168800.1 GI:27874612
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    BD143534 20 DNA linear PAT 17-JAN-2003 Gene Sp17 inhibiting lesion formation in plant and utilization thereof.
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Location/Qualifiers
                                                            /organism='Artificial Sequence'
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88.2%; Pred. No. 5.9e+02;
live 0; Mismatches 2; Indels
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    . 20
    ^coganism="synthetic construct"
    ^mol_type="genomic DNA"
    ^db_xref="taxon:32630"

    .20
    /organism="synthetic co./mol_type="genomic DNA"
    /db_xref="taxon:32630"

                Location/Qualifiers
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BD143534.1 GI:27849292
JP 2002125672-A/10.
synthetic construct
synthetic construct
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Matches 15; Conservative
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BD168800/c
LOCUS
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Synthetic construct

artificial sequences.

I (bases 1 to 20)

Synthetic construct

artificial sequences.

Novel G protein coupled receptor protein and its DNA

Terado, Y. and Shintani, Y.

Novel G protein coupled receptor protein and its DNA

TAKEDA CHEMICAL INDUSTRIES LTD, YASUKO TERAO, YASUSHI SHINTANI

SA Artificial Sequence

PD 28-FEB-2002,

PD 28-FEB-2002,

PP 23-AUG-2001 WD 2001JP007209

PP 23-AUG-2001 WD 2001JP007209

PP 24-AUG-2000 UP 00P 253862

PI YASUKO TERAO, YASUSHI SHINTANI

PC CLANIS/11, COTXL4/47, CI2NS/10, COTXL4/70S, GOIN33/15,

PC AGIN38/17, A61P1/00

CC Novel G protein coupled receptor protein and its DNA FH Key
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                                                                                                                                                                                                                                                                                 Primer for synthesizing full-length cDNA and use thereof Patent: NP 200201375-A 3631 22-JAN-2002;
HELIX RESEARCH INSTITUTE
OS Unidentified
PN JP 202017375-A/3631
PD 22-JAN-2002
PP 72-JAN-2002
PP 77-JUL-2000
PP TOSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASHI, SHIZUKO
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                                                                                                                                                                                                       Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y., Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
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YURI KAWAI,AI WAKAMATSU,TOMOYASU SUGIYAMA,KEIICHI NAGAI,
Primer for synthesizing full-length cDNA and use thereof. BD12820.0 GT:23223145
JP 2002017375-A/3631.
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BD141810.1 G1:23236755
WD 0216607.../5.
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/mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PI YURI KAWAI,
SHINICHI KOJIMA,
                                                                                                                             unidentified
unclassified.
                                                                                                     unidentified
                                                                                                                                                                                                                                                              Koga, H.
                        ACCESSION
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BD141810/c
LOCUS
DEFINITION
  DEFINITION
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JOURNAL
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PAT 15-MAY-2003
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PD 26-NOV-2002

PF 23-AUG-2001 JP 2001252855

PF YASUKO TERAO, YASUGHI SHINTANI

PC C12N15/09, A61K45/00, A61P1/04, A61P1/10, A61P1/12, A61P1/14, A61P1/

PC 16, A61P1/18,

PC A61P3/10, A61P9/10, A61P9/12, A61P1/10, A61P11/06, A61P13/ PC
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AGIP25/28, AGIP27/16, AGIP29/00, AGIP31/04, AGIP37/08, AGIP43/00,
CO7K14/705,
CO7K16/28, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12P21/02, C12Q1/
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BD183672.1 GI:31875872
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PC A61P13/v., PC A61P25/08, PC A61P25/08, A61P25/08, A61P25/08, A61P25/08, A61P25/08, A61P25/08, A61P27/16, A61P29/00, A61FJJ, C12N5/10, C12P21/02, C12V4/705, PC C07K14/705, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12P21/02, C12V1/23/15, G1N33/15, G1N33/15, G1N33/15, G1N33/15, G1N33/15, G1N33/15, G1N33/17, G1X15/76, PC G1N33/1713, A61K31/713, A61K31/7
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                                                                                                                                                                                                                   Gaps
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Novel G protein coupled receptor protein and its DNA.

Novel G protein coupled receptor protein and its DNA.

BD181761.1 G1:30792679

JP 2002335977-A/58.

Synthetic construct
synthetic construct
artificial sequences.

E 1 (bases 1 to 20)

S Traco,Y. and Shintani,Y.

Novel G protein coupled receptor protein and its DNA

Patent: JP 2002335977-A 58 26-NOV-2002;

TAKEDA CHENICAL INDUSTRIES LTD

OS Artificial Sequence

PN JP 2002335977-A/58

PD 26-NOV-2002
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88.2%; Pred. No. 5.9e+02;
tive 0; Mismatches 2; Indels
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                                                                                                                                             0.8%; Score 13.8; DB 1;
larity 88.2%; Pred. No. 5.9e+02;
Conservative 0; Mismatches 2;
                /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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tes 15; Conserv
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                                                                             artificial sequences.

I (bases 1 to 20)

Yaro, M. and Yamanouchi, U.
Gene Spl7b regulating lesion formation in plant and utilization

Patent: WO 0233092-A 10 25-APR-2002;

NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES, MASAHIRO YANO, UTAKO

YAMANOUCHI
PA WO 0233092-A/10

PP (0233092-A/10)

PP (02
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WO 02062944-A/30.
Synthetic construct
artificial sequences.
1 (bases I to 20)
Claski, T., Masuda, Y., Takatsu, Y., Watanabe, T., Terao, Y., Shintani, Y.
and Hinuma, S.
Novel phisiological active peptide and its use
Patent: WO 02062944-A 20 15-AUG-2002;
TAKEDA CHEMICAL INDUSTRES LTD, TETSUYA OTAKI, YASUSHI MASUDA,
YOSHIHRO TRKATSU, TAKUYA WATANABE, XASUKO TERAO, YASUSHI SHINTANI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PAT 18-FEB-2003
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COTKIA4/47, CO7KIA/705, C12N15/12, C12P21/02, C07K16/18, A61K67/027,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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02-FEB-2001 JP 01P 026820
TETSUYA OTAKI, YASUSHI MASUDA, YOSHIHIRO TAKAISU, TAKUYA
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    'organism='Artificial Sequence'

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Location/Qualifiers
1. .20
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Novel phisiological active peptide and its use.
BD174283
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Key Location/Qualifiers
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WO 02062944-A/30
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                                 synthetic construct
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   0233092-A/10.
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PR 02-F
PI TETSI
WATANABE,
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Key

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synthetic construct
artificial sequences.

I (bases 1 to 20)
Si Ling,C., Lin,R., Yoo,Z., Huang,X., Lee,B., Lee,S., Lin,Y.,
Huang,C., Hsu,H., Shi,C., Yeh,C.,
Rethod and detector for identifying subtypes of human papiloma
by Patent: JP 2002360271-A 495 17-DEC-2002;
KING CAR FOOD INDUSTRIAL CO LTD
OS Artificial Sequence
PN JP 2002360271-A/495
PD 17-DEC-2002
PF 28-NOV-2001 JP 2001362595
PF 28-NOV-2001 JP 2001362595
PF 28-NOV-2001 JP 2001362595
PF CHING-YEE LING,RUEY-WEN LIN,ZHOU-MENG YOO,XIN-HSUAN HUANG,BOW-PI HARNG LEE,
PN SHENG LEE,
PN SHOG-HSIUNG LEE, YI-JU LIN, CI-CHUNG HUANG, HAN-CHANG HSU, CHA-PI HARNG LEE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PI CHIH-XIN YEH, XI-FENG CAO, CHIH-LONG HUANG, HAN-CHANG HSU, CHA-
PI CHIH-XIN YEH, XI-FENG CAO, CHIH-LONG PAN
PC C12N15/09, C12N15/09, C12M1/34, C12Q1/42, C12Q1/42, C12Q1/68 PC
,C12Q1/70, G01N21/64,
PC G01N31/64,
PC G11031/53, G01N31/64, G01N31/600/(C12M1/34, C12R1:93),
PC G1103010C10C1de M0602 for identifying HPV 6.
FH Key
FT source
1. 20
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Novel plasmids for plant transformation and method for using same.
BD192578
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                ce 1..20 /organism='Artificial Sequence'
Location/Qualifiers
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88.2%; Pred. No. 5.9e+02;
iive 0; Mismatches 2;
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Pred. No. 5.9e+02;
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/mol_type="genomic DNA"
/db xref="taxon:32630"
    Location/Qualifiers
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    .20
    /organism="synthetic co/mol_type="genomic DNA"
    /db_xref="taxon:32630"

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BD184516.1 GI:31876716
JP 2002360271-A/495.
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Best Local Similarity 88.2
Matches 15; Conservative
                                                                                                                                                                                                                       Conservative
      Key
source
                                                                                                                                                                                                  Best Local Similarity
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AUTHORS
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It (bases 1 to 20)

Is Ling,C., Lin,R., Yoo,Z., Huang,X., Lee,B., Lee,S., Lin,Y.,

Huang,C., Hau,H., Shi,C., Yeh,C., Cao,Y. and Pan,C.

Method and detector for identifying subtypes of human papiloma

IN Patent: JT 2002360271.A 494 17-DEC-2002;

KING CAR FOOD INDUSTRIAL CO LTD

OS Artificial Sequence

PN JP 2002360271-A/494

PD 17-DEC-2002

PR 28-NOV-2001 JP 2001362595

PR 04-MAY-2001 TW 90110785

PR 04-MAY-2001 TW 90110785
          Synthetic construct
synthetic construct
artificial sequences.

I (bases I to 20)
Taninaka,A., Osaka,T., Mizoue,M., Kato,H., Orito,E. and Ueda,R.
Method for classifying genotype of hepatitis B viruses, and primers
and probes for the same
patent: JP 2002355098-A 9 10-DBC-2002;
GENOME SCIRNCE LABORATORIES CO LTD
OS Artificial Sequence
BN JP 2002355098-A/9

PD 10-DEC-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BD184515 20 bp DNA linear PAT 17-JUN-2003 Method and detector for identifying subtypes of human papiloma
                                                                                                                                                                                                                                                        14-AUG-2001 JP 2001246141
AKIKO TANINAKA, TAKUYA OSAKA, MASASHI MIZOUE, HIDEAKI KATO, ETSURO
                                                                                                                                                                                                                                                                                                            PI ORITO,
PI XYUZO UEDA
PC C12Q1/69,C12N15/09,C12Q1/70,G01N33/50,G01N33/53, PC
G01N33/56,
PC G01N33/569/(C12Q1/68,C12R1:93),(C12Q1/70,C12R1:93),C12N15/00,
PC C12N15/00
CC Designed probe.
FF Key
I cocation/Qualifiers
FT source /organism='Artificial Sequence'.
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CLIANIS/O9,CIZNIS/O9,CIZNIS/O9,CIZNI/34,CIZQI/42,CIZQI/68 PC

CIZNIS/O9,CIZNIS/O9,CIZNIS/O9,CIZNI/34,CIZQI/04,CIZQI/42,CIZQI/68 PC

CIZNIS/O9,CIZNIS/O9,CIZNIS/O9,CIZNIS/O9/(CIZNI/34,CIZRI:93),

PC GOLN33/53,GOIN33/574,GOIN33/58,GOIN37/00/(CIZNI/34,CIZRI:93),

PC (CIZQI/70,CIZRI:93),CIZNIS/O9,CIZNIS/O9

CC Oligonucleotide M0601 for identifying HPV 6.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                HAENG LEE, SI-JU LIN, CI-CHUNG HUANG, HAN-CHANG HSU, CHA-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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88.2%; Pred. No. 5.9e+02;
Live 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                organism='Artificial Sequence'
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Location/Qualifiers
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BD184515.1 GI:31876715
JP 2002360271-A/494.
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Best Local Similarity 88.2
Matches 15; Conservative
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schultz621-3.rge

Page 185

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1. .20
/note="reverse primer for human STS sts-stSG28879 at 1p36
sts-stSG28879 obtained from clones B52P16, B32C18, B36214,
Human BAC library RPCI-11"
                                                                                                                                                                                                                                                                 PAT 12-AUG-1994
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88.2%; Pred. No. 6.3e+02;
tive 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                 linear
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                                                                                      Length
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                                                                                     Score 13.8; DB 1;
Pred. No. 5.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent: WO 9104315-A 22 04-APR-1991;
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Location/Qualifiers
                                                                                                                     0; Mismatches
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                                                                                                                                                  479 CACTACCAGCTGACATC 495
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         98 TIGCICGCGCGCCCCG 114
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                                                                                     0.8%;
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synthetic construct
artificial sequences.
1 (bases 1 to 21)
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A20525.1 GI:583360
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Best Local Similarity 88.2°
Matches 15; Conservative
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Best Local Similarity 88.2
Matches 15; Conservative
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     misc feature
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A20525/c
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                         synthetic construct
synthetic construct
artificial sequences.

Exercise 1 (bases 1 to 20)

Scuiver, M.H., Ponstein, A.S., Ohl, S.A., Goddijn, O.J.M., Simons, L.H.,
Bokker, B.M.M., Hoekstra, S., Tigelaar, H. and Blzinga, N.
Novel plasmids for plant transformation and method for using same
AL Patent: JP 2002514927-A, 10 21-MAY-2002;
MOGEN INTERNATIONAL NV
PN JP 2002514927-A/10
PD 21-MAY-2002
PF 29-JUN-1998 JP 1999508121
PR 30-JUN-1997 EP 97201990.5
PI MARRIEN HENDRIK STUIVER, ANNE SILENE PONSTEIN, STEPHAN ANDREAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Matanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
and Soeda,E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8875, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                           PI OSCAR JOHANNA MARIA GODDIJN LAMBERTUS HENRICUS SIMONS, I
BERNARDUS MARIINUS MARIA DEKKER, SIETSKE HOEKSTRA, HENDRIK PI
TIGELAAR,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     A BAC-based STS-content map spanning a 35-Mb region of human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 13.8; DB 1;
Pred. No. 5.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                             Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
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C12N15/82,C12N15/63,A01H5/00
Strandedness: Single;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  chromosome 1p35-p36
Genomics 74 (1), 55-70 (2001)
21269192
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AB069393
AB069393.1 GI:15130197
 GI:33002317
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                                                                                                                                                                                                                                                                                                                                                                            Topology: Linear;
Kev
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Horii, A.
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Best Local Similarity
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                                                                                                                             Wells, T.N. and Power, C.A.
A CHEMOKINE RECEPTOR ABLE TO BIND TO MCP-1, MIP-1 ALPHA AND/OR RANTES. ITS USES
FANNES. TS USES
Ratent: WO 9623068-A 9 01-AUG-1996;
GLAXO GROUP LID (GB)
Other publication AU 4455896 960814.
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Unknown.
Unclassified.
Unclassified.
1 (bases 1 to 21)
Janjic,N., Gold,L. and Tasset,D.
High affinity ligands of basic fibroblast growth factor and thrombin
Patent: US 6177557-A 390 23-JAN-2001;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                     Length 21;
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1 (bases 1 to 21)

Lehle,L., Lehnert,K. and Kopetzki,E.

Yeast host strains with defects in N-glycosylation
Patent: US 5798256-A 9 25-AUG-1998;

Location/Qualifiers
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Sequence 9 from patent US 5798226.
AR025282 GI:3977910
      Sequence 9 from Patent WO9623068.
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I baser 1 to 21)
Kopetzki,E. and Lehnert,K.
HYPOGLYCOSYLATED RECOMBINANT GLUCOSIDASE OXIDASES
L Patent: WO 94030080-4 pg 17-psp. 1994;
BOEHRINGER MANNHEIM GMBH (DE)
Other publication DE 4301904 940210
Other publication JP 7506260T 950713.
Location/Qualifiers
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Matches 15; Conservative 0; Mismatches 2; Indels
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15; Conservative 0; Mismatches 2;
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           Sequence 9 from Patent BP0582244.
A36688
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Sequence 9 from Patent WO9403608
A37126
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PAT 26-SEP-1995
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1 (bases 1 to 21)
Bauer,H.M., Gravitt,P.E., Greer,C.E., Manos,M.Michele.,
Resnick,R.M. and Zhang,T.Y.
Detection of human papillomavirus by the polymerase chain reaction
Patent: US 5527898-A 142 18-UUN-1996;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unknown.
Unclassified.
Unclassified.
Unclassified.

I (bases 1 to 21)
Apple,R.J., Bugawan,T.L. and Erlich,H.A.
Methods and reagents for HLA class I A locus DNA typing
Patent: US 5451512-A 15 19-SEP-1995;
Location/Qualifiers
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                                                                                          Olafsdottir B.Ran. and Gulcher, J. Patent: US 6319710-A 3 20-NOV-2001; Patent: Location/Qualifiers
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Sequence 3 from patent US 6319710.
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AR178606.1 GI:20219744
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Ralph,D., An,G., O'Hara,S.Mark. and Veltri,R.
Diagnosis of disease state using MRNA profiles in peripheral
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unknown.
Unknown.
Unclassified.
1 (bases 1 to 21)
Taylor,E. will., Nadimpalli,R.Gopal. and Ramanathan,C.Sekar.
Selenoproteins. coding sequences and methods
Patent: US 6303295-A 128 16-OCT-2001;
Location/Qualifiers
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Patent: US 6190857-A 15 20-FEB-2001;
Location/Qualifiers
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US 6303295.
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AR130446
AR130446.1 GI:14118771
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Sequence 128 from patent
AR172261
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ilarity 57.1%;
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Matches 15; Conservative
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Best Local Similarity 88.2%
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AR130446
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PAT 12-JUN-2003
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           SM Unknown.

Unclassified.

LE 1 (bases 1 to 21)

RS Cohen,D., Chumakov,I. and Blumenfeld,M.

Blallelic markers for use in constructing a high density disequilibrium map of the human genome

NAL Patent: US 6537751-A 10380 25-MAR-2003;

Location/Qualifiers
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Dattagupta,N. and Tseng,T.-C.
Mathods and compositions for analyzing nucleotide sequence mismacches using RNase H
Patent: US 6596489-A 1 22-UUL-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                               Unclassified.

1 (bases 1 to 21)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome Patent: US 6537751-A 11492 25-MAR-2003;
Location/Qualifiers
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88.2%; Pred. No. 6.3e+02;
iive 0; Mismatches 2;
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Pred. No. 6.3e+02;
0; Mismatches 2;
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AR299757.1 GI:31687041
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/organism="unknown"
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Sequence 1 from patent US
AR360386
AR360386.1 GI:33767416
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(Dases 1 to 21)

Bauer, H.M., Gravitt, P.E., Greer, C.E., Impraim, C.C.,
Manos, M.Michele., Resnick, R.M. and Zhang, T.Yi.
Detection of human papillomavirus by the polymerase chain reaction
Patent: US 5639871.A 142 17-UUN-1997;
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larity 88.2%; Pred. No. 6.3e+02;
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Unclassified.
3 ( [bases 1 to 21)
S Kopetzki,E. and Lehnert,K.
Hypoglycosylated recombinant glucose oxidases
AL Patent: US 5602018-A 9 11-FEB-1997;
Location/Qualifiers
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Pred. No. 6.3e+02;
0; Mismatches 2;
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147479
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 9 from patent US 5602018.
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PAT 18-DEC-2003
  1 (bases 1 to 21)
Pasternak,G. and Pan,Y.-X.
Identification and characterization of multiple splice variants of the Kappa3-related opioid receptor (KOR-3) gene
Patent: US 6627734-A 21_30-SEP-2003;
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1 (bases 1 to 21)

1 saternawk, G. and Pan, Y. - X.

Identification and characterization of multiple splice variants the Kappa3-related opioid receptor (KOR-3) gene
Patent: US 6627734-A 25 30-SEP-2003;

Location/Qualifiers
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18.2%; Pred. No. 6.3e+02;
ve 0; Mismatches 2; Indels
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                             DNA
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Human narcolepsy gene
Patent: WO 0114555-A 3 01-MAR-2001;
Decode Genetics EHF. [18]
Location/Qualifiers
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Sequence 3 from Patent W00114555.
AX088176
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/organism="unknown"
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Hayden,M.R., Brooks-Milson,A.R. and Pimstone,S.N.
Process for identifying modulators of ABC1 activity
Patent: US 6617122-A 171 09-SEP-2003;
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Patent: US 6596490-A 1 22-JUL-2003;
                                                                                                                                                                                                                                                                                                                                                                         Score 13.8; DB 1;
Pred. No. 6.3e+02;
0; Mismatches 2;
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Pred. No. 6.3e+02;
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Sequence 171 from patent US 6617122.
AR393632
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 21 from patent US 6627734.
AR404130
AR404130.1 GI:40152154
                                                                                                                          AR360413
Sequence 1 from patent US 6596490.
AR360413
AR360413.1 GI:33767443
                                                                                                                                                                                                                                                                                                                             /organism="unknown"
/mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1. .21
/organism="unknown"
/mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                    Location/Qualifiers
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 0
                          CCCCAACTACATCTTCC 1693
                                                                                                                                                                                                                                                                                                                                                                                                                                1677 CCCCAACTACATCTTCC 1693
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Best Local Similarity 88.2%;
Matches 15; Conservative
                                                     CCGTACTACATCTTCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                        CCGTAACTACATCTTCC
                                                                                                                                                                                                                                           (bases 1 to 21)
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          15; Conservative
                                                                                                                                                                                                              Unknown.
Unclassified.
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Unclassified.
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Matches 15; Conserv
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ACCESSION
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AR404130/c
LOCUS
DEFINITION
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LOCUS
                                                                                               RESULT 773
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TITLE
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Matches
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TITLE
JOURNAL
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VERSION
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LOCUS
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                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                            Lander, B.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and Mccarthy, J.J.
Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 1150 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and Mccarthy, J.J.
Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 1498 15-MAR-2001;
WHITEREAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, E
Mammalia, Butheria, Primates, Catarrhini, Hominidae,
                                                                                                                                                                                                                                                                                                                                                                                                          Length 21;
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 linear
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0.8%; Score 13.8; DB 1;
Best Local Similarity 78.9%; Pred. No. 6.3e+02;
Matches 15; Conservative 1; Mismatches 3;
 DNA
AX095972 21 bp DN Sequence 1150 from Patent WO0118250.
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Sequence 1498 from Patent W00118250.
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                                                                                                                                                                                                                                                                                                                             /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="unassigned DNA"
/db xref="taxon:9606"
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/organism="Homo sapiens"
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                                                 AX095972.1 GI:13512199
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AX096320.1 GI:13512547
                                                                                         (human)
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                                                                                      Homo sapiens
Homo sapiens
                                      AX095972
             DEFINITION
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                                                                                                         ORGANISM
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AX096320/c
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ACCESSION
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ORGANISM
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JOURNAL
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Compositions and methods for modulating hdl cholesterol and
triglyceride levels
Patent: WO 0115676-A 203 08-MAR-2001;
University of British Columbia (CA); Xenon Genetics Inc. (CA)
Location/Qualifiers
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Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 77 15-MAR-2001,
WHITEHBAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
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                                                                                                                                         linear
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Pred. No. 6.3e+02;
0; Mismatches 2;
                                                                                                                                       DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Momo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                  AX092791
Sequence 203 from Patent W00115676.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 77 from Patent W00118250.
AX094899
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       1480 ATCCACAAACTTCCTGA 1496
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AX092791.1 GI:13444848
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              375 GGCTTCAGCCACGTCCT 391
                                        17 AGCCTCAAACTTCCTGA 1
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88.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           15; Conservative
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Best Local Similarity
                                                                                                                                                                                                                                               Homo sapiens
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Best Local Similarity
Matches 15; Conserv
                                                                                             RESULT 778
AX092791/c
LOCUS
DEFINITION
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ORGANISM
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AX094899
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AUTHORS
TITLE
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ORGANISM
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AX095972
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ACCESSION VERSION KEYWORDS

8

REFERENCE AUTHORS COURNAL

TITLE

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JOURNAL

FEATURES

Homo sapiens (human) Homo sapiens

TITLE JOURNAL

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REFERENCE

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PAT 11-DEC-2001
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db xref="taxon:32630"
/note="Artificially synthesized primer sequence, 136H."
1. .21
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Artificially synthesized primer sequence, 136H."
1..21
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Human monoclonal antibody against a costimulatory signal

Hransduction molecule ailim and pharmaceutical use thereof

Patent: EP 1158004-A 9 28-NOV-2001;

Japan Tobacco Inc. (JP)

Location/Qualifiers
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Human monoclonal antibody against a costimulatory signal transduction molecule ailim and pharmaceutical use thereof Patent: WO 0187981-A 9 22-NOV-2001;
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                                                                                0.8%; Score 13.8; DB 1; 78.9%; Pred. No. 6.3e+02;
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O.8%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                        DNA
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                                                                                                                      1; Mismatches
         /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                 Sequence 9 from Patent EP1158004.
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AX306509
AX305509.1 GI:17645729
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Location/Qualifiers
                                                                                                                                                                                   1 GGCGGGAGGGMCTGCAGTG 19
                                                                                                                                                        39 GCCAGGAGGACCAGCAGTG 57
                                                                                                                                                                                                                                                                                                                                        AX304980.1 GI:17644658
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synthetic construct
artificial sequences.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                 Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and Mccarthy, J.J.
Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 2302 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
Location/Qualifiers
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Location/Qualifiers
                                                                                                                                                                                                                                                                                 Length 21;
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88.2%; Pred. No. 6.38+02;
live 0; Mismatches 2; Indels
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Human single nucleotide polymorphisms
Patent: WO 0138576-A 249 31-MAY-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)
Location/Qualifiers
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AX117903
AX117903.1 GI:14034854
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Best Local Similarity 78.9
Matches 15; Conservative
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Best Local Similarity 88.2
Matches 15; Conservative
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RESULT 784

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ORGANISM

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ACCESSION

VERSION KEYWORDS

RESULT 783

ð qq ORGANISM

SOURCE

AUTHORS

JOURNAL

TITLE

REFERENCE

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Brinkmann, U. and Hoffmeyer, S.
Polymorphisms in human genes of cardiovascular regulators and their use in diagnostic and therapeutic applications
Patent: WO 0224747-A 372 28-MAR-2002;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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88.2%; Pred. No. 6.3e+02;
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Nucleic acid hairpin probes and uses thereof
Patent: WO 0206531-A 1 24-JAN-2002;
Applied Gene Technologies, Inc. (US)
Location/Qualifiers
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1 Similarity 88.2%; Pred. No. 6.3e+02;
15; Conservative 0; Mismatches 2;
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AX441497
Seguence 372 from Patent
AX404546
AX404546.1 GI:21437827
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Polymorphisms in human genes of cardiovascular regulators and their use in diagnostic and therapeutic applications
Patent: WO 0224747-A 371 28-MAR-2002;
Epidauros Biotechnologie AG (DE)
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                                                                                                                                                                                                                                                    Peymann, A., Uhlmann, E., Mag, M., Kretschmar, G., Helsberg, M. and Winkler, I.
Stabilized oligonuclectids and the use thereof
Patent: EP 1182206-A 28 27-FEB-2002;
HOECHST AKTIENGESELLSCHAFT (DE)
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ilarity 88.2%; Pred. No. 6.3e+02;
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/ Organism="synthetic construct"
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Seguence 371 from Patent W00224747.
AX404545
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Sequence 28 from Patent EP1182206.
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LOCUS
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AX404545/c
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DEFINITION
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Method to diagnose and treat pathological conditions resulting from deficient ion transport.
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Patent: JP 2001508291-A 43 26-JUN-2001;
YALE UNIVERSITY
OS Artificial Sequence
PN JP 2001508291-A/43
PP 3-0-DEC-1997 JP 1998530123
PF 31-DEC-1997 JP 1998530123
PR 31-DEC-1997 US 08/778052
PI RICHARD P LIFTON DAVID B SIMON
PC C12N1S/09,C07K14/435,C07K16/00,C12N1/15,C12N1/19,C12N1/21, PC
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1 [bases 1 to 21)
Tsuji,T., Tezuka,K. and Hori,N.
Human monocloral antibody against constimulation transducer
Human monocloral antibody against constimulation transducer
Human monocloral antibody against constimulation transducer
Holecule ALLIM and medicinal utilization thereof
Datent: JP 2002034581-A 9 05-FBB-2002,
Artificial Sequence
FN JP 2002034581-A/9
FN JP 2002034581-A/9
FN JP 30-MAR-2001 JP 2011099508
FN JP ARASHI TSUJI, KATSUNARI TEZUKA, NOBUAKI HORI
FN TAKASHI TSUJI, KATSUNARI TEZUKA, NOBUAKI HORI
FN CI2NIS/09, AGIK31/7088, AGIK38/00, AGIK39/395, AGIK45/
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PC C12P21/02,C12Q1/68,G01N33/53,C12N15/00,C12N5/00 CC
for analysis of human TSC gene
FH Key
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88.2%; Pred. No. 6.3e+02;
ve 0; Mismatches 2; Indels
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             0; Mismatches
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artificial sequences.
1 (bases 1 to 21)
Lifton, R.P. and Simon, D.B.
                                               1020 GCTCAAGCTGGCTGACT 1036
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JP 2002034581-A/9.
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JP 2001508291-A/43.
synthetic construct
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Best Local Similarity 88.2°
Matches 15; Conservative
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Patent: WO 03010335-A 18 06-FEB-2003;
Roche Diagnostics GmbH (DE) ; F. HOFFWANN-LA ROCHE AG (CH)
Location/Qualifiers
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/mol type="unassigned DNA"
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/note="probe used to identify IL4R polymorphisms"
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88.2%; Pred. No. 6.3e+02;
cive 0; Mismatches 2; Indels
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88.2%; Pred. No. 6.3e+02;
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Patent: WO 0267982-A IS 06-SEP-2002,
Imperial College Innovations Limited (GB)
Location/Qualifiers
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/note="hybridization probe"

    .21
    forganism="synthetic construct"
|mol_type="unassigned DNA"
|db_xref="taxon:32630"

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Sequence 45 from Patent W003010335.
AX698556
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Matches 15; Conservative C
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PLN 16-0CT-2003
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microRNA MIR165b; MIR165b gene; miRNA.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermacophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
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                                                                                                                                                                                                                                                                                                                                                                                    Direct Submission
Submitted (25-JUN-2002) Bartel D.P., Biology, MIT and Whitehead
Institute, 9 Cambridge Center, Cambridge, MA, 02142, USA
Location/Qualifiers
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/organism="Arabidopsis thaliana"
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/db_xref="taxon:3702"
/chromosome="4"
/note="ecotype: Columbia"
                                                       Arabidopsis thaliana microRNA MIR165b.
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Other publication CA 2165971 950219
Other publication CA 2165971 950112
Other publication NO 955352 960214
Other publication AU 7073594 950124
Other publication AB 4321946 950112
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Genes Dev. 16 (13), 1616-1626 (2002)
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Sequence 20 from Patent WO9501363.
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/gene="MIR165b"
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Matches 15; Conservative
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              A61P43/00, A61P43/00, C07K16/28, C07K16/46, C07K19/00, C12N5/10, PC
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MicroRNA MIR165a; MIR165a gene; miRNA.

Arabidopsis thaliana (thale cress)

Arabidopsis thaliana

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
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Bartel, D.P.
Direct Submission
Submitted (25-UCM-2002) Bartel D.P., Biology, MIT and Whitehead
Institute, 9 Cambridge Center, Cambridge, MA, 02142, USA
Location/Qualifiers
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Pred. No. 6.3e+02;
0; Mismatches 2;
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88.2%; Pred. No. 6.3e+02;
ative 0; Mismatches 2;
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                                                                                                                                                       Location/Qualifiers
                                                                                                                                                                                                                       /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Arabidopsis thaliana microRNA MIR165a.
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'product="microRNA MIR165a"
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/organism="unidentified"

Gaps

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PAT 03-MAR-1998

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Peyman, A.D., Uhlmann, E.D., Breipohl, G.D. and Wallmeier, H.D. Phosphonomonoester nucleic acids, methods for their preparation and
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FAMILY OF ORGANIC ANION TRANSPORTERS, NUCLEIC ACIDS ENCODING THEM, CELLS COMPRISING THEM AND METHODS FOR USING THEM PATENCE WO 9731111-A 15 28-AUG-1997;
OTHER PUBLICATION AU 1736697 19970910.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.8%; Score 13.6; DB 1; Length 20;
80.0%; Pred. No. 6.5e+02;
Live 0; Mismatches 4; Indels
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0.8%; Score 13.6; DB 1;
Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 4;
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Other publication CN 113858 951225
Other publication PN 313207 960916
Other publication NO 961006 960916
Other publication CA 2171589 960916
Other publication AN 961206 960916
Other publication AN 961208 960916
Other publication BN 19508923 960916
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Patent: EP 0739898-A 21 30-OCT-1996;
HOECHST AG (DE)
        /organism="Homo sapiens"
/mol type="unassigned DNA"
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1. .20
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 21 from Patent EP0739898.
A56654
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Sequence 15 from Patent W09731111.
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/note≈"ICAM"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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1 (bases 1 to 20)
Seela, F.P. and Lampe, S.D.
Modified oligonucleotides, their preparation and their use Patent: EP 0680969-A 25 08-NOV-1995,
Other publication JP 8003186 960109
Other publication AU 1778295 951109
Other publication DE 4415370 951109.

Location/Qualifiers
1. .20
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Peyman, A.D., Uhlmann, E.D., Mag, M., Kretzchmar, G.D., Helsberg, M.D. and Winkler, I.D.
Stabilized oligonucleotids and the use thereof
Patent: EP 0653439-A 29 17-MAY-1995,
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Pred. No. 6.5e+02;
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Other publication CA 2135591 950513
Other publication AU 7779994 950518
Other publication DB 4338704 950518
/mol_type="unassigned DNA"
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/organism="Homo sapiens"
/mol type="unassigned DNA"
/db xxef="taxon:9606"
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Seguence 29 from Patent BP0653439.
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Sequence 25 from Patent BP0680969,
A47182
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/note="ICAM"
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                                                                                                                       Unclassified.
Unclassified.
1 (bases 1 to 20)
2 (bases 1 to 20)
6 (base 2 to 20)
6 (base 2 to 20)
7 (base 2 to 20)
7 (base 2 to 20)
8 (base 2 to 20)
9 (base 2 to 20)
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Unclassified.
1 (bases 1 to 20)
Gray.D.M. and Clark.C.L.
Method for selectively ranking sequences for antisense targeting
Patent: US 5856103-A 15 05-JAN-1999;
Location/Qualifiers
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Matches 16; Conservative 0; Mismatches 4; Indels
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                               AR026549 20 bp
Sequence 12 from patent US 5856103.
AR026549.1 GI:5937389
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AR037519
AR037519.1 GI:5955375
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                                                               Query Match
0.8%; Score 13.6; DB 1;
Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 4;
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Query Match

Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 4;
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80.0%; Pred. No. 6.5e+02;
ative 0; Mismatches 4;
                                                                                                                                                                                                                        DNA
                                                                                                                                                                                                                                                                                     unidentified
unidentified
unclassified.
1 (bases 1 to 20)
Peyman,A.D. and Uhlmann,E.D.
G-CAP STABILIZED OLIGONUCLEOTIDES
PATERIT: RP 0726274-A 21 14-AUG-1996;
HOBCHST AG (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DNA
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MTS1EL: beta. gene
Patent: US 5739027-A 29 14-APR-1998;
                           /mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                    1..20
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
1..20
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/organism="unknown"
/wol_type="unassigned DNA"
                                                                                                                                                                                                                    20 bp
Sequence 21 from Patent BP0726274.
A80375
1. .20
/organism="unidentified"
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                                                                                                                       CTTCATCTTCCGTATCTTAG 1258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         226 GAGAGTGGTGGTGGCGG 245
                                                                                                                                        CTGCCTCTTCAGAATCTTAG 20
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Best Local Similarity
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A80375/c
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LOCUS
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Best Loca Matches

RESULT 808

AR044567

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REFERENCE AUTHORS JOURNAL

TITLE

VERSION KEYWORDS SOURCE

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Evans,G.A. and Smith,M.W.
Method for generation of sequence sampled maps of complex genomes
Patent: US 5851760-A 744 22-DEC-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unclassified.

I (Dases 1 to 20)
Sim, K.lee., Chitnis, C., Miller, L.H., Peterson, D.S., Su, X.-Z. and Wellens, T.B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Binding domains from Plasmodium vivax and Plasmodium falciparum erythrocyte binding proteins Patent: US 5849306-A 24 15-DEC-1998; Location/Qualifiers
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55.6%; Pred. No. 6.5e+02;
tive 7; Mismatches 1;
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Stone, S., Jiang, P. and Kamb, A.
Mouse MTSI gene
Patent: US 5843756-A 29 01-DEC-1998;
Location/Qualifiers
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Sequence 24 from patent US 5845306.
AR064711
AR064711.1 GI:5994927
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/organism="unknown"
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/organism="unknown"
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AR062799.1 GI:5990490
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Best Local Similarity 80.0%
Matches 16; Conservative
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AUTHORS
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TITLE
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FEATURES
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                                                                                                                                                                                                                                                                                                        Unclassified.

(Dases 1 to 20)

Dalbo slashed.ge,H., Christgau,S., Andersen,L.Nonboe.,

Kofod,L.Venke. and Kauppinen,M.Sakari.

DNA encoding an enzyme with endoglucanase activity from Trichoderma
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                           0.8%; Score 13.6; DB 1; Length 20;
80.0%; Pred. No. 6.5e+02;
.ive 0; Mismatches 4; Indels
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1 (bases 1 to 20)

Bennett, C.Frank. and Mirabelli, C.K.
01igonucleotide modulation of cell adhesion
Patent: US 5843738-A 15 01-DEC-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.8%; Score 13.6; DB 1;
80.0%; Pred. No. 6.5e+02;
tive 0; Mismatches 4;
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0.8%; Score 13.6; DB 1;
Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 4;
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Location/Qualifiers
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                                                                                                                                                                                              20 bp
Sequence 14 from patent US 5817499.
AR044567
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Sequence 15 from patent US 5843738.
AR062615
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                                                                                       505 GAGGGCTACCTGGAGAAGCT 524
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Best Local Similarity 80.03
Matches 16; Conservative
                                                           Conservative
                                           Local Similarity
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RESULT 810

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RESULT 809 AR062615/c

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KEYWORDS

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PAT 07-SEP-2000
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Sim,K.Lee., Chitnis,C., Miller,L.H., Peterson,D.S., Su,X.-Z. and
Wellems,T.E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Binding domains from plasmodium vivax and plasmodium falciparum erythrocyte binding proteins
Patent: US 5993827-A 36 30-NOV-1999;
Location/Qualifiers
                                                1 (bases 1 to 20)
Skolnick,M.H., Cannon-Albright,L.A. and Kamb,A.
Methods for detecting predisposition to cancer at the MTS gene
Patent: US 5989815-A 29 23-NOV-1999;
                                                                                                                                                                                                                  Gaps
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Query Match

Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 4;
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Pred. No. 6.5e+02;
7; Mismatches 1;
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Patent: US 5994095-A 29 30-NOV-1999;
                                                                                                                           1. .20
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Sequence 36 from patent US 5993827.
AR089168.1 GI:10015925
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Sequence 29 from patent US 5994095.
AR091347.
AR091347.1 GI:10018102
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                                                                                                             Location/Qualifiers
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Best Local Similarity 55.6%;
Matches 10; Conservative
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Unclassified.
1 (bases 1 to 20)
                      Unknown.
Unclassified.
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                                                                                                                                                                                                                                                            Unclassified.

1 (bases 1 to 20)

Monia, B.P. and Boggs, R.T.

Antisense oligonucleotide modulation of raf gene expression
Patent: US 595222-A 11 14-SEP-1999;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unknown.
Unclassified.
I (bases 1 to 20)
Pean, M. M. McKay,R., Miraglia,L. and Baker,B.
Antisense oligonucleotide compositions and methods for the inibition of c-Jun and c-Fos
Patent: US 5985558-A 20 16 NOV-1999;
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0.8%; Score 13.6; DB 1; Length 20;
80.0%; Pred. No. 6.5e+02;
tive 0; Mismatches 4; Indels
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0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 6.58+02;
Matches 16; Conservative 0; Mismatches 4; Indels
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Pred. No. 6.5e+02;
0; Mismatches 4;
                                                                                                                                                                DNA
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Sequence 11 from patent US 5952229.
AR073942.1 GI:10000702
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Sequence 20 from patent US 5985558.
AR086199
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/organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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                                                        230 GTGGTGGTGGTGGCGCAGT 249
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                                                                            20 GAGGTGGTGTCAGGAGT 1
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Best Local Similarity 80.0°
Matches 16; Conservative
                              Conservative
               Local Similarity
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 Query Match
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AR086199/c
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1 (bases 1 to 20)
Peyman, A., Uhlmann, E., Breipohl, G. and Wallmeier, H.
Phosphonomonoester nucleic acids process for their preparation and
                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 20)
Monia, B.P., Gaarde, W.A., Nero, P.S. and McKay, R.
Antisense modulation of P38 mitogen activated protein kinase
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80.0%; Pred. No. 6.5e+02;
live 0; Mismatches 4;
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1 (bases 1 to 20)

1 Taylor, 1.K. and Cowsert, L.M.
Antisense inhibition of bcl-6 expression
Patent: US 6140125-A 41 31-0CT-2000,
                                                                                                                                                                                                                                                                                                                        DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               expression
Patent: US 6140124-A 75 31-OCT-2000;
Location/Qualifiers
ce 1...20
/organism="unknown"
/mol_type="unassigned DNA"
                                                          Patent: US 6127346-A 21 03-OCT-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                20 bp
Sequence 75 from patent US 6140124.
AR117583
AR117583.1 GI:14098489
                                                                                                                     /mol_type="unassigned DNA"
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Sequence 41 from patent US 6140125.
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/wol_type="unassigned DNA"
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/organism="unknown"
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Best Local Similarity 80.05
Matches 16; Conservative
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Matches 16; Conserv
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1 (Dases 1 to 20)

1 (Dases 1 to 20)

Antisense modulation of cell adhesion molecule expression and treatment of cell adhesion molecule associated diseases Patent: 16 609672-2A 15 01-AUG-2000;

Location/Qualifiers
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Bennett, C.Frank. and Mirabelli, C.K.
Oligonucleotide modulation of cell adhesion
Patent: US 6093811-A 15 25-JUL-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                           0.8%; Score 13.6; DB 1;
80.0%; Pred. No. 6.5e+02;
tive 0; Mismatches 4;
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AR105540
AR105540.1 GI:12819137
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/organism="unknown"
/mol_type="unassigned DNA"
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AR111778 G:12828626
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/wol_type="unassigned DNA"
                                                                                                                 AR104718 20 bp
Sequence 15 from patent US 6093811.
AR104718 GI:12817426
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            505 GAGGGCTACCTGGAGAAGCT 524
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                                    20 GAAGGCTTCCTGGACACGCT
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Best Local Similarity 80.03
Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                           Unknown.
Unclassified.
Unclassified.
1 (bases 1 to 20)
Gray,D.M. and Clark,C.L.
Apparatus and method for selectively ranking sequences for antisense targeting
antisense targeting
Patent: US 6183966-A 12 06-FEB-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unclassified.

1 (Dases 1 to 20)
Gray,D.M. and Clark,C.L.
Apparatus and method for selectively ranking sequences for
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                                                                                          Length 20;
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0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 4; Indels
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                                                                                  1.0 0.8%; Score 13.6; DB 1; 80.0%; Pred. No. 6.5e+02; Conservative 0; Mismatches 4;
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O.8%; Score 13.6; DB 1;
Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 4;
                                                          /mol_type="unassigned DNA"
                                                                                                                                                                                                                                   Sequence 12 from patent US 6183966.
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Sequence 15 from patent US 6183966.
AR129000.
AR129000.1 GI:14116662
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Patent: US 6183966-A 15 06-FEB-2001;
Location/Qualifiers
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/mol_type="unassigned DNA"
                   Location/Qualifiers
1. .20
                                             /organism="unknown"
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/organism="unknown"
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Best Local Similarity
Matches 16; Conserv
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AR128997/c
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Unclassified.
1 (bases 1 to 20)
Bennett, C. Frank. and Mirabelli, C. K.
Oligonuclectide inhibition of cell adhesion
Patent: US 6169079-A 15 02-JAN-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                         Query Match 0.8%; Score 13.6; DB 1; Best Local Similarity 80.0%; Pred. No. 6.5e+02; Matches 16; Conservative 0; Mismatches 4;
                                                                                                                                                                                  Kamb, A.
Antibodies specific for MTS2 Polypeptide
Patent: US 6140473.A 29 31-0cT-2000;
Location/Qualifiers
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80.0%; Pred. No. 6.5e+02;
tive 0; Mismatches 4;
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Sequence 29 from patent US 6140473.
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MTS2 gene
Patent: US 6180776-A 29 30-JAN-2001;
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ARI23202.1 GI:14108168
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Sequence 29 from patent US 6180776.
AR127772.
AR127772.1 GI:14114367
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/wol_type="unassigned DNA"
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20 TCCGGATGCCTGTGGCCAAC
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AR118053.1 GI:14098959
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Unclassified.
1 (bases 1 to 20)
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Best Local Similarity 80.09
Matches 16, Conservative
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1 (bases 1 to 20)
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AR118053/c
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80.0%; Pred. No. 6.5e+02;
tive 0; Mismatches 4; Indels
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80.0%; Pred. No. 6.5e+02;
tive 0; Mismatches 4; Indels
           Length 20;
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          Query Match

0.8%; Score 13.6; DB 1;
Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 4;
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Uhl, G.R., Eppler, C. Mark. and Wang, J.-B.
Mu-subtype opioid receptor
Patent: US 6225080-A 4 01-MAY-2001;
Location/Qualifiers
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MTS2 gene
Patent: US 6218146-A 29 17-APR-2001,
Location/Qualifiers

    .20
    /organism="unknown"
    /mol_type="unassigned DNA"

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Sequence 1 from patent US 6255046.
AR160173.
AR160173.1 GI:16223805
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Sequence 29 from patent US 6218146.
AR145940.1 GI:15109129
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Sequence 4 from patent US 6225080.
AR148259 GI:15112349
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/organism="unknown"
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AR160173/c
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DEFINITION
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AR145940/c
LOCUS
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AR148259/c
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                                                                                                   Unknow...
Unclassified.
1 (bases 1 to 20)
Kamboj,R. and Nutt,S.
Glutamate receptor (or EAA receptor) polynucleotides and their uses
Patent: US 6136544-A 30 24-OCT-2000;
Location/Qualifiers
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Unclassified.
E 1 (bases 1 to 20)
RS Dean,N.W. and Marcusson,B.G.
Attisense inhibition of Fas mediated signaling
ALT Patent: US 6204055-A 39 20-MAR-2001;
Location/Qualifiers
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80.0%; Pred. No. 6.5e+02;
vative 0; Mismatches 4;
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Stone, S., Jiang, P. and Kamb, A.
Mouse MTS2 gene
Patent: US 6210949-A 29 03-APR-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 29 from patent US 6210949. AR144939 AR144939.1 GI:15106806
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/mol_type="unassigned DNA"
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AR143147
AR135662 20 bp 1
Sequence 30 from patent US 6136544.
AR135662
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/organism="unknown"
/mol_type="unassigned DNA"
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                                                     AR135662.1 GI:14476334
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Matches 16; Conserv
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                                                                                                ORGANISM
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PAT 17-JUL-2003
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CI2N15/09, C07K14/47, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12P21/
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JP 2002525112-A/15
13-A02-2002
13-A02-2002
15-SEP-1999 US 2000572361
25-SEP-1998 US 09/161241
MICHAEL BRIAN BASS, JOHN KEVIN SULLIVAN, LARS EYDE THEILL,
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                                                                                                                                                                                        Unclassified.

1 (bases 1 to 20)
Dean,N.M., McKay,R., Miraglia,L. and Baker,B.
Antisense oligonuclectide compositions and methods for the modulation of activating protein 1
Patent: US 6312900-A 20 06-NOV-2001;
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JP 2002525112-A/15.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 20)
Bass,M.B., Sullivan,J.K., Theill,L.E. and Wang,D.
Novel DKR polypeptides
Patent: JP 2002525112-A 15 13-AUG-2002;
                                                                                      linear
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/organism="synthetic construct"
/mol_type="genomic DNA"
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                                                                                    AR176765 20 bp 1
Sequence 20 from patent US 6312900.
AR176765. GI:17919120
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/organism="unknown"
/wol_type="unassigned DNA"
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BD229912
20 TGAGACTCCGGGGGGGGCCC
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Best Local Similarity 80.0
Matches 16; Conservative
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DAGUANG WANG
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          M Unknown.

Unclassified.
E. 1 (bases 1 to 20)
S Bucala.R.J., Cheeney,J.A. and Mitchell,R.A.
Inducible phosphofructokinase and the warburg effect
AL Patent: US 6255046-A 1 03-UUL-2001;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 20)
Bucala,R.J., Chesney,J.A. and Mitchell,R.A.
Inducible phosphofructokinase and the warburg effect
Patent: US 6255046-A. 2 03-UUL-2001;
Location/Qualifiers
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Monia, B.P., Butler, M.M. and Wyatt, J.
Antisense inhibition of C/EBP beta expression
Patent: US 6271030-A 74 07-AUG-2001,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 13.6; DB 1;
Pred. No. 6.5e+02;
                                                                                                                                                                            Query Match
0.8%; Score 13.6; DB 1;
Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 4;
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/wol_type="unassigned DNA"
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Sequence 74 from patent US 6271030.
AR163876.1 GI:16234671
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Sequence 2 from patent US 6255046.
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Best Local Similarity 80.0%;
Matches 16; Conservative
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Unclassified.
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VERSION KEYWORDS

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Query Match 0.8%; Score 13.6; DB 1; Length 20; Best Local Similarity 80.0%; Pred. No. 6.5e+02; Matches 16; Conservative 0; Mismatches 4; Indels

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Query Match 0.8%; Score 13.6; DB 1; Best Local Similarity 80.0%; Pred. No. 6.5e+02; Matches 16; Conservative 0; Mismatches 4;

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Bacteria; Examinutes; Bacillales; Paenibacillaceae; Brevibacillus.

Examinel, M.A., Stachelhaus, T., Mootz, H. and Konz, D.

Marahiel, M.A., Stachelhaus, T., Mootz, H. and Konz, D.

Nonribosomal peptide synthetase, process for producing the same and utilization thereof

M. Patent: JP 2002537806-A 10 12-NOV-2002;

MOHAMED A MARAHIEL, TORSTEN STACHELHAUS, HENNING MOOTZ, DIRK KONZ
OS Bacillus brevis

PR 2002537806-A/10

PP 22002537806-A/10

PP 22-NOV-2002

PP 28-FEB-2000 JP 2000602764

PR 28-FEB-2000 JP 2000602764

PR 03-MAR-1999 DE 199 09 146.3

PI MOHAMED A MARAHIEL, TORSTEN STACHELHAUS, HENNING MOOTZ, DIRK KONZ
PC C12N15/09, COYK14/00//C12N15/00

CC Nonribosomal peptide synthetase, process for producing the CC
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Nonribosomal peptide synthetase, process for producing the same and
C12N15/09,A61K31/711,A61P19/02,A61P29/00,A61P29/00,A61P37/06,A61P3100,C12N9/99,C12N15/00,C12N9/00,C12N9/99,C12N9/00 Antisense modulation of p38 mitogen activated protein kinase
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Pred. No. 6.5e+02;
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Pred. No. 6.5e+02;
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Location/Qualifiers
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/organism="Brevibacillus brevis"
/mol_type="genomic DNA"
/db_xref="taxon:1393"
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Delivery of substances to cells.
BD273740

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    /organism="synthetic co:
/mol_type="genomic DNA"
/db_xref="taxon:32630"

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JP 2002537806-A/10.
Brevibacillus brevis
Brevibacillus brevis
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101 Antisense modulation of p38 mitogen activated protein kinase expression.

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           12-APR-1999 US 09/290640
NICHOLAS M DEAN,ERIC G MARCUSSON
CI2N15/09,A61K31/7088,A61K31/7115,A61K31/7125,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                  linear
                                                                                                                                                    Antisense modulation of FAS mediated signaling.
                                                                                                                                                                                                                                                                       synthetic construct
synthetic construct
artificial sequences.
1 Cases 1 to 20
Dean, N.M. and Marcusson, B.G.
Antisense modulation of FAS mediated signaling
Patent: JP 2002540812-A 37 03-DEC-2002;
ISIS PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.8%; Score 13.6; DB 1;
Best Local Similarity 80.0%; Pred. No. 6.5e+02;

    .20
    forganism="synthetic construct"
|mol type="genomic DNA"
|db_xref="taxon:32630"

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JP 2002540812-A/37
03-DEC-2002
10-ARR-2000 JP 2000610483
12-APR-1999 US 09/290640
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             1633 AGCAGGCAGCGGCTGGAGGG 1652
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                                           AACAGCGGCTCGGGGG
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PC A61P1
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BD250319/c
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KEYWORDS
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BD249322
LOCUS
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Endows sapiens

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Bukaryota; Metazoa; Chordata; Catarrhini; Hominidae; Homo.

Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

is 1 (Dases 1 to 20)

P.M.B. and T.B.R.

Antisense oligonuclectide regulation of raft gene expression

patent: JP 2000152797-A 11

ISIS PHARMACEUTICALS INC

OS Homo sapiens (human)

PN JP 2000152797-A/11

PN JP 2000152797-A/11

PN G-UNA-2000

PP 18-JAN-2000 JP 2000008654

PR 31-MAY-1994 US 08/250856

PI MONIA BURETTO P.BOGGUZU RUSSELL T

PC C12N15/09,A61X31/7088,A61X48/00,A61P17/06,A61P35/00,A61P43/00,

PC C12N15/09,A61X31/7088,A61X48/00,A61P17/06,A61P35/00,A61P43/00,

PT Rey L.20

FT F Source Location/Qualifiers

FT F Source Location/Qualifiers

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1 (bases 1 to 20)

1 (chases 1 to 20)

DNA sequence for the human dopamine receptor D.sub.4 and expression thereof in mammalian cells
Patent: US 5422A65-A 10 06-UNN-1995;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens (human)
UP 2000152797-A/11
06-UDN-2000
18-JAN-2000 JP 200008654
31-MAY-1994 US 08/250856
MONIA BURETTO P, BOGGUZU RUSSELL T
C12N15/09, A6IK31/7088, A6IK48/00, A61P17/06, A61P35/00, A61P43/00, C12N15/00, A
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Antisense oligonucleotide regulation of raft gene expression.
E49521
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                                                Score 13.6; DB 1; Length 20;
Pred. No. 6.5e+02;
0; Mismatches 4; Indels
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Sequence 10 from patent US 5422265.
112355 1 GI:910378
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unknown"
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JP 2000152797-A/11.
Homo sapiens (human)
                                                      0.8%;
                                                                                          Conservative
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Best Local Similarity
Matches 16; Conserv
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Matches 16;
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PR 10-MAR-1999 GB 9905444.7,24-DEC-1999 GB 9930499.0 PI

PR 10-MAR-1999 GB 9905444.7,24-DEC-1999 GB 9930499.0 PI

EXAMCIS JOSEPH O'HARE,NADIA MICHELLE NORMAND PC

C12N15/09,46IK9/127,46IK9/14,A6IK9/14,A6IK31/7088,A6IK31/7125, PC

A6IX38/00,

PC A6IX4/00,A6IK48/00,A6IP17/00,A6IP17/06,A6IP35/00,C07K14/705,PC

C07K14/03,C07K19/00,C12N15/00,A6IK37/02,C12N5/00 CC

Description of Artificial Sequence: Oligonucleotide FH Key

Location/Qualifiers
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Location/Qualifiers
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OTSUKA PHARMACEUT CO LTD
                                                                                                                                                                                                                                                                                                                                                                                                                                        'organism='Artificial Sequence'
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// Organism="synthetic construct"
//mol type="genomic DNA"
/db xref="taxon:32630"
                                                                              artificial sequences.

1 (bases 1 to 20)

OGhare, P.F.J. and Normand, N.M.

Delivery of substances to cells

Paten: JP 2002537828-A 1 12-NOV-2002;

PHOGEN LTD
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/organism="unidentified"
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JP 1994167492-A/1
14-JUN-1994
30-NOV-1992 JP 1992345280
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topology: Linear;
hypothetical: No;
anti-sense: No;
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JP 2002537828-A/1
12-NOV-2002
           GI:33083508
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JP 1994167492-A/1.
unidentified
unidentified
                                             synthetic construct synthetic construct
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1 (bases 1 to 20)
         BD273740.1 GI:330
JP 2002537828-A/1.
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TITLE
JOURNAL
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                                               SOURCE
ORGANISM
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AUTHORS
TITLE
JOURNAL
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RESULT 845 I20617/c

Matches

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SOURCE ORGANISM

VERSION KEYWORDS

REFERENCE AUTHORS TITLE JOURNAL

FEATURES

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PAT 13-MAY-1997
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Unclassified.
1 (bases 1 to 20)
Skolnick, M.H., Cannon-Albright, L.A. and Kamb, A. Germline mutations in the MTS gene mutations in the MTS gene Patent: US 5624619-A 29 29-APR-1997;
Location/Qualifiers
                                                      Tobases 1 to 20)

Bennett, C. Frank. and Mirabelli, C.K.
Oligonucleotide modulation of cell adhesion
Patent: US 5591623-A 15 07-JAN-1997;
Location/Qualifiers
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Patent: US 5594108-A 10 14-JAN-1997;
Location/Qualifiers
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/mol_type="unassigned DNA"
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Sequence 29 from patent US 5624819.
141173
141173.1 GI:2081763
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/wol_type="unassigned DNA"
                                                                                                                                              /organism="unknown"
/mol_type="unassigned DNA"
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Sequence 10 from patent US 5594108.
133964
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1 (bases 1 to 20)
Civelli,0. and Van Tol,H.H.
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         Unknown.
Unknown.
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I41173/c
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133964/c
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Unknown.
Unclassified.
I (bases 1 to 20)
Monia,B.P. and Boggs,R.T.
Monia,B.P. and Boggs,R.T.
Antisense oligonucleotide modulation of raf gene expression
Patent: US 5563255-A 11 08-OCT-1996;
Location/Qualifiers
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80.0%; Pred. No. 6.5e+02;
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Unclassified.
E 1 (bases 1 to 20)
XS Bennett, C.Frank. and Mirabelli, C.K.
Oligomucleotide modulation of cell adhesion
Oligomucleotide modulation of cell adhesion
Location/Qualifiers

Location/Qualifiers
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0.8%; Score 13.6; DB 1;
Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 4;
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Sequence 15 from patent US 5591623.
133310.
133310.1 GI:1824101
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Sequence 11 from patent US 5563255.
127241.
127241.1 GI:1818017
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Sequence 15 from patent US 5514788.
120617
    /mol_type="unassigned DNA"
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I33310/c
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Unclassified.

1 (bases 1 to 20)
Chen, H. and Freimer, N.B.
Methods and compositions for diagnosing and treating chromosome-18p related disorders
Patent: US 6342351-A 28 29-JAN-2002;
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Krieg,A.W., Davis,H.L., Wu,T. and Schorr,J.
Vectors and methods for immunization or therapeutic protocols
Patent: US 6339068-A 57 15-JAN-2002;
Location/Qualifiers
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ilarity 80.0%; Pred. No. 6.5e+02;
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Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 4;
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3 modified oligonucleotide derivatives
Patent: US 6326487-A 21 04-DEC-2001;
Location/Qualifiers
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Sequence 28 from patent US 6342351.
AR183678.1 G1:20227647
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/wol_type="unassigned DNA"
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                                                        /organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
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AR183678/c
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AR182885/c
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                                                                                                                                                                                                                                           Therapeutic oligomucleotides targeting the human MDR1 and MRP genes Patent: US 5683987-A 83 04-NOV-1997; Location/Qualifiers
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Pred. No. 6.5e+02;
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80.0%; Pred. No. 6.5e+02;
iive 0; Mismatches 4;
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1 (bases 1 to 20)
Peyman, A., Uhlmann, E. and Carolus, C.
3'-modified oligomucleotide derivatives
Patent: US 5696248-A 21 09-DEC-1997;
Location/Qualifiers
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1 (bases 1 to 20)
Peyman,A., Unlmann,E. and Carolus,C.
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Sequence 21 from patent US 5696248.
184733.
184733.1 GI:3022253
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/organism="unknown"
/mol_type="unassigned DNA"
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                                                                                                    20 bp | Sequence 83 from patent US 5683987.
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/organism="unknown"
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        GAGGGCTACCTGGAGAAGCT 524
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                          GAAGGCTTCCTGGACACGCT
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172499.1 GI:3008638
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Smith, L.J.
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Best Local Similarity
Matches 16; Conserva
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AR179818/c
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I84733/c
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172499/c
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PAT 20-DEC-2002
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                                                                                                                                                                                                                                                                                                                                                                                                                                          Unknown.
Unclassified.
1 (bases 1 to 20)
Chen,H. and Freimer,N.B.
Methods and compositions for diagnosing and treating chromosome
-18p related disorders
Patent: US 6399762-A 28 04-JUN-2002;
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80.0%; Pred. No. 6.5e+02;
ative 0; Mismatches 4; Indels
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Pred. No. 6.5e+02;
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AR226192/c
LOCUS AR226192 C0 bp D
DEFINITION Sequence 73 from patent US 6444466.
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Sequence 11 from patent US 6410518.
AR215964
AR215964.1 GI:23314252
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/organism="unknown"
/wol_type="unassigned DNA"
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Sequence 28 from patent US 6399762.
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/organism="unknown"
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1 Similarity 80.0%;
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Peyman,A., Uhlmann,E., Mag,M., Kretzschmar,G., Helsberg,M. and
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Nagata, S., Suda, T., Takahashi, T. and Nakamura, N.
DNA encoding Fas ligand.
Patent: US 6348344A 68 19-FFB-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unclassified.

1 (Dases 1 to 20)
Nagata, S., Suda, T., Takahashi, T. and Nakamura, N. DNA encoding Fas ligand
Patent: US 6348334-A 67 19-FEB-2002;
                                                                                                                                                                                                                                                                        Winkler,I.
Stabilized oligonucleotides and their use
Patent: US 6348312-A 29 19-FEB-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                             1) 10.8%; Score 13.6; DB 1; 10.0%; Pred. No. 6.5e+02; Conservative 0; Mismatches 4;
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Sequence 68 from patent US 6348334.
AR194131. GI:20240723
                                               Sequence 29 from patent US 6348312.
AR193525
AR193525.1 GI:20240117
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Sequence 67 from patent US 6348334.
AR194130 GI:20240722
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/wol_type="unassigned DNA"
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AR194131/c
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Unclassified.
I (bases 1 to 20)
1 (bases 1 to 20)
Baker, B.F. and Freier, S.M.
Antisense modulation of interleukin 12 p40 subunit expression
Patent: US 6448081-A 47 10-SEP-2002;
Location/Qualifiers
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ive 0; Mismatches 4;
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Popoff,1. and Cowsert, L.M.
Antisense modulation of PARP expression
Patent: US 6451602-A 125 17-SEP-2002;
Location/Qualifiers
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Sequence 125 from patent US 6451602.
AR230865.1 GI:27271652
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/organism="unknown"
/mol_type="genomic DNA"
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Best Local Similarity 80.09
Matches 16; Conservative
Best Local Similarity 80.0
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AR230865/c
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Monia, B.P., Gaarde, W.A., Nero, P. and McKay, R.
Antisense modulation of p38 mitogen activated protein kinase
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                                                                                                                                                                                                Length 20,
                                                  linear
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                                                                                                                                                                                               0.8%; Score 13.6; DB 1;
80.0%; Pred. No. 6.5e+02;
tive 0; Mismatches 4;
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Ward,D.T. and Watt,A.T.
Antisense modulation of WRN expression
Patent: US 6448080-A 78 10-SEP-2002;
Location/Qualifiers
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Location/Qualifiers
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Sequence 75 from patent US 6448079.
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/organism="unknown"
/wol_type="genomic DNA"
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/wol_type="genomic DNA"
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             GI:27264346
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Unclassified.
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Matches 16; Conserv
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AR228868/c
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JOURNAL FEATURES

AUTHORS TITLE

REFERENCE

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Unknown.
Unclassified.
1 (bases 1 to 20)
Watt.A.T.
Antisense modulation of bifunctional apoptosis regulator expression
Patent: US 6468/96-A 23 22-OCT-2002;
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Seela,F. and Thomas.H.
Modified oligonucleotides, their preparation and their use
Patent: 19 6479651-A 20 12-NOV-2002;
Location/Qualifiers
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0.8%; Score 13.6; DB 1; Length
Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 4; Indels
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Sequence 20 from patent US 6479651.
AR254168.1 GI:27302905
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/organism="unknown"
/mol_type="genomic DNA"
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AR241052.1 GI:27286269
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Pelz, D.T.
Putting trainer
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Matches 16; Conserv
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AR254168/c
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AUTHORS
TITLE
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1 (bases 1 to 20)
Ravikumar,V.T., Manoharan,M., Capaldi,D.C., Krotz,A., Cole,D.L. and
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Antisense modulation of protein phosphatase 2 catalytic subunit
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Pred. No. 6.5e+02;
0; Mismatches 4; Indels
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0.8%; Score 13.6; DB 1;
Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 4;
                  1 (bases 1 to 20)
Popoff, I. and Cowsert, L.M.
Antisense modulation of PARP expression
Patent: US 6451602-A 280 17-SEP-2002;
Location/Qualifiers
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Patent: US 6465250-A 29 15-OCT-2002;
Location/Qualifiers
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Sequence 29 from patent US 6465250.
AR236817.
AR236817.1 GI:27281012
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Sequence 4 from patent US 6465628.
AR237466
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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Best Local Similarity 80.0%;
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Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A., Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polymuclectides and uses thereof Patent: US 6559294-A 3649 06-MAY-2003;
Location/Qualifiers
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Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 6559294-A 2072 06-MAY-2003;
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Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
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0.8%; Score 13.6; DB 1;
Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 4;
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Pred. No. 6.5e+02;
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6559294.
   Sequence 2072 from patent US 6559294.
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80.0%; Pred. No. b...
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/mol_type="genomic DNA"
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Sequence 3649 from patent
AR313112
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Best Local Similarity 80.0
Matches 16; Conservative
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AR312857/c
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Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 637751-A 11617 25-MAR-2003,
Location/Qualifiers
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80.0%; Pred. No. 6.5e+02;
vative 0; Mismatches 4;
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 Patent: US 6503152-A 103 07-JAN-2003;
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Sequence 93 from patent US 6503756.
AR272023.1 GI:29703591
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/organism="unknown"
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Unknown. Unclassified.

ORGANISM

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RESULT 873

Unknown.

RESULT 872 AR299882/c LOCUS DEFINITION ACCESSION

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PAT 17-AUG-2003
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   PAT 12-JUN-2003
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Griffals,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A., Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polymucleotides and uses thereof
Patent: US 6559294.A 5947 06-MAY-2003;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 20)
Griffais, R., Hoiseth, S.K., Zagursky, R.J., Metcalf, B.J.,
Sankaran, B. and Fletcher, L.D.
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Patent: US 6559294-A 6067 06-MAY-2003;
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1 (Dases 1 to 20)
Bucala,R.J., Chesney,J.A. and Mitchell,R.A.
Budaible phosphofructokinase and the Warburg effect
Patent: Location/Qualifiers
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0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 4; Indels
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AR315410
Sequence 5947 from patent US 6559294.
AR315410
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/organism="unknown"
/mol_type="genomic DNA"
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Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
                                                                                                                                                                                                                                                                                                                                                                        Unclassified.

(Dases 1 to 20)

(Cariffais, R., Hoiseth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A., Sankaran, B. and Fletcher, L.D.

Chlamydia pneumoniae polymucleotides and uses thereof

Patent: US 6559294-A 4585 06-MAY-2003;
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Patent: US 6559294-A 5261 06-MAY-2003;
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10.0%; Pred. No. 6.5e+02;
                                                                     0.8%; Score 13.6; DB 1; Length 20;
llarity 80.0%; Pred. No. 6.5e+02;
Conservative 0; Mismatches 4; Indels
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Pred. No. 6.5e+02;
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AR314724
AR314724.1 GI:31708150
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Sequence 4585 from patent US 6559294.
AR314048
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/organism="unknown"
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REFERENCE AUTHORS

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AR314048 LOCUS DEFINITION

ACCESSION VERSION

RESULT 876

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KEYWORDS SOURCE

TITLE JOURNAL

FEATURES

RESULT 878 AR315410/c

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AR314724 LOCUS

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O'Brien, T.J., Underwood, L.J., Tanimoto, H. and Shigemasa, K. Uses of antileukoprotease in carcinoma
Patent: US 6602674-A 4 05-AUG-2003;
Location/Qualifiers
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Dean,N.M., Marcusson,E.G. and Wyatt,J.
Antisense modulation of Fas mediated signaling
Patent: US 6653133-A 39 25-NOV-2003;
Location/Qualifiers
                   M Unknown.

In Chases 1 to 20)

B 1 (bases 1 to 20)

AS Bennett, C.F. and Mirabelli, C.K.
Oligonuclectide inhibition of cell adhesion
Oligonuclectide inhibition of cell achesion
AML Patent: US 6300491-A 15 09-OCT-2001;
Location/Qualifiers
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Sequence 39 from patent US 6653133.
AR432241
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Sequence 4 from patent US 6602674.
AR373075.1 GI:40075018
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1 (bases 1 to 20)

1 (bases 1 to 40)

Bennett, C.F. and Wyatt, J.

Antisense modulation of glioma-associated oncogene-1 expression

Patent: US 6329203-A 12 11-DEC-2001;

Location/Qualifiers
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Bucala, R.J., Chesney, J.A. and Mitchell, R.A.
Inducible phosphofructokinase and the Warburg effect
Patent: 18 6596851-A 2 22-JUL-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.8%; Score 13.6; DB 1; Length 20;
llarity 80.0%; Pred. No. 6.5e+02;
Conservative 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.8%; Score 13.6; DB 1; Length 20;
80.0%; Pred. No. 6.5e+02;
iive 0; Mismatches 4; Indels
                                Length 20;
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                              Ch 0.8%; Score 13.6; DB 1; Scinilarity 80.0%; Pred. No. 6.5e+02; 16; Conservative 0; Mismatches 4;
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AR370540.1 GI:34607293
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Sequence 2 from patent US 6596851.
AR360851
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/wol_type="genomic DNA"
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   /mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                     1. .20
/organism="unknown"
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Unclassified.
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Best Local Similarity
Matches 16; Conserv
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Matches 16; Conserv
                            Query Match
Best Local Similarity
Matches 16; Conserv
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Query Match

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AUTHORS TITLE JOURNAL

FEATURES

REFERENCE

RESULT 882 AR366650 LOCUS DEFINITION ACCESSION

ORGANISM

VERSION KEYWORDS SOURCE

AUTHORS TITLE JOURNAL FEATURES

REFERENCE

RESULT 881 AR360851 LOCUS DEFINITION

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ORGANISM

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AR370540/c LOCUS DEFINITION ACCESSION VERSION

RESULT 883

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PAT 15-NOV-2000

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Brevibacillus brevis
Brevibacillus brevis
Bacteria; Firmicutes; Bacillales; Paenibacillaceae; Brevibacillus.
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Patent: WO 0052152-A 10 08-SED-2000;
STACHELHAUS TORSTEN (DE) ; KONZ DIRK (DE) ; MOOTZ HENNING (DE) ;
STACHELHAUS A (DE)
               1
Vider, B.Z.
A method for identifying and characterizing cells and tissues
Patent: WO 9934016-A 265 08-JUL-1999;
GENENA LTD (IL); VIDER BEN ZION (IL)
Location/Qualifiers
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Stachelhaus, T., Konz, D., Mootz, H. and Marahiel, M.A. Non-ribosomal peptide synthetases, method for producing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.8%; Score 13.6; DB 1; Length 20;
30.0%; Pred. No. 6.5e+02;
ive 0; Mismatches 4; Indels
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Delivery of nucleic acids and proteins to cells
Patent: WO 005372-A 1 14-SEP-2000;
Phogen Limited (GB)
Location/Qualifiers
                                                                                                                                                                      0.8%; Score 13.6; DB 1;
80.0%; Pred. No. 6.5e+02;
tive 0; Mismatches 4;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                             /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                              Sequence 10 from Patent WO0052152.
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AX040559
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Best Local Similarity 80.0°
Matches 16; Conservative
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AX035595
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
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1 (bases 1 to 20)
Amouyel, P. and Chartier-Harlin, M.
PETHOD FOR DIAGNOSING ALZHEIMER DISEASE
PATHOT: WO 99015774-A 6 14-7AN-1999;
INST NAT SANTE RECH MED (FR); AMOUYEL PHILIPPE (FR)
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80.0%; Pred. No. 6.5e+02;
live 0; Mismatches 4;
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Pred. No. 6.5e+02;
                                                                                                    mRNA
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                                                                                                                                                                                                Unclassified.

1 (bases 1 to 20)

Berg/R.A., Toman, P.D. and Wallace, D.G.
Mutated recombinant collagens
Patent: US 6653450-A 24 25-NOV-2003;

Location/Qualifiers
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 265 from Patent W09934016.
AX020765
AX020765.1 GI:10044464
                                                                                              20 bp ...
AR432594
AR432594.1 GI:40195102
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Sequence 6 from Patent W09901574.
AX001116 GI:7241315
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                                                                                                                                                                                                                                                                                              1. .zu
/organism="unknown"
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 CACCCCTCACAGGGCAGCCC 1678
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                           cccrcrrcacardddaddc
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Matches 16; Conserv
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AR432594/c
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DEFINITION
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AX020765
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PAT 18-NOV-2000

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PAT 30-APR-2001
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                                                                                                                                                                                                              Krieg,A.M., Schetter,C. and Vollmer,J.C.
muloostimulatory nuclei acids
Parent: WO 0122972-A 243 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                  Length 20;
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llarity 80.0%; Pred. No. 6.5e+02;
Conservative 0; Mismatches 4;
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80.0%; Pred. No. 6.5e+02;
iive 0; Mismatches 4;

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/mol type="unassigned DNA"
/db_xref="taxon:32630"

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/db_xref="taxon:32630"
/note="Oligonucleotide"
                                                                20 bp 1
Sequence 243 from Patent W00122972.
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Sequence 55 from Patent WO0151631.
AX195351.1 GI:15385900
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Sequence 3 from Patent WO0147960.
AX188686
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Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae, PACCAD
clade, Panicoideae, Andropogoneae, Zea.
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Aventis Pharma Deutschland GmbH (DE)
Location/Qualifiers
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80.0%; Pred. No. 6.5e+02;
Live 0; Mismatches 4; Indels
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Pred. No. 6.5e+02;
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/organism="Zea mays"
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Sequence 53 from Patent WO0108707.
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Seguence 48 from Patent WO0065040.
/note="Oligonucleotide"
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AX081374.1 GI:13170216
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32830"
/nb xref="sonde selon l'invention de detection de mutations dans le gene K-ras."
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Polyamide nucleic acid derivatives, agents and methods for producing them
Patent: WO 0179216-A 42 25-OCT-2001;
Aventis Pharma Deutschland GmbH (DE)
Location/Qualifiers
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Polyamide nucleic acid derivatives, agents and methods for producing the same
Patent: Wo 0.179249-A 37 25-OCT-2001;
Aventis Pharma Deutschland GmbH (DE)
Location/Qualifiers
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Oligonukleotide"
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0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 4; Indels
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/note="Beschreibuld"
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/organism="synthetic construct"
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Sequence 42 from Patent W00179216.
AX283204
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Sequence 37 from Patent WO0179249.
AX283273
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                                       Reske-Kunz, A., Ross, X., Ross, R. and Bros, M.
Regulatory sequence for the specific expression in dendritic cells
and uses thereof.
Patent: WO 0151631-A 55 19-JUL-2001;
Reske-Kunz, Angelika (DE); Ross, Xiaolan (DE); Ross, Ralf (DE);
Bros, Matthias (DE)
1. 20
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Pred. No. 6.5e+02;
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Patent: WO 0164945-A 14 07-SEP-2001;
Nucleica (FR)
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Best Local Similarity 80.0%; Pred. No. 6.5e
Matches 16; Conservative 0; Mismatches
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Sequence 10 from Patent WO0163282.
AX235177.1 GI:15593768
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AX235883.1 GI:15795773
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AX235883
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                                                                PAT 30-NOV-2001
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Mutated entariotic translation initiation factor 2 alpha kinase 3, eiglas, in patients with neonatal insulin-dependent diabetes and multiple epip lygeal dysplasia (wolcott-rallison syndrome)

Patent: WO 0190371-A 82 29-NOW-2001,
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)

[FR]; Centre National de Genotypage (FR)
                                                                                                                                                                                      Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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ilarity 80.0%; Pred. No. 6.5e+02;
Conservative 0; Mismatches 4;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/note="Forward primer."
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Fusion receptor from tnf family
Patent: WO 0185782-A 33 15-NOV-2001;
Amgen Inc. (US)
                                                                                                                                                                                                                                                                                                                                                /organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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Sequence 82 from Patent W00190371.
AX316288
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Sequence 33 from Patent WO0185782.
AX300105
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Mus musculus
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AX300105/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 0183749-A 504 08-NOV-2001,
WARNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center (US)
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80.0%; Pred. No. 6.5e+02;
tive 0; Mismatches 4; Indels
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No. 6.5e+02;
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Pred. No. 6.5e+02;
0; Mismatches 4;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 8942 from Patent WO0179548.
AX297180
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 504 from Patent WO0183749.
              Pred. No. 6.56
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AX298870.1 GI:17128860
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            Best Local Similarity 80.0%;
Matches 16; Conservative
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AX297180/c
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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 Millennium Pharmaceuticals, Inc. (US); The Regents of The University of California (US)
Location/Qualifiers
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Pred. No. 6.5e+02;
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Patent: WO 0222830-A 72 21-MAR-2002;
UNIVERSITY COLLEGE CARDIFF CONSULTANTS LTD.
                                                                 /organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 3 from Patent WO0220060.
AX397905
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artificial sequences.
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Best Local Similarity 80.0%;
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Homo sapiens
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Best Local Similarity
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AX405378
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Methods and compositions for diagnosing and treating chromosome-18P
related disorders
Patent: WO 0210366-A 28 07-FEB-2002;
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/mol_type="unassigned DNA"
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/noTe="synthetic oligonucleotide-phosphodiester backbone"
                                                                                                              Patent: WO 0183715-A 11 08-NOV-2001;
THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (UE Lee, Sang-Hun (RR); Lumelsky, Nadya (US); Studer, Lorenz (US) MCKAY, Ron D. G. (US)
Location/Qualifiers
                                                                Lee, S.H., Lumelsky, N., Studer, L. and Mckay, R.D.
Derivation of midbrain dopaminergic neurons from embryonic stem
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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Pred. No. 6.5e+02;
0; Mismatches 4;
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Pred. No. 6.5e+02;
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/mol_type="unassigned DNA"
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Sequence 410 from Patent WO0197843.
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Laemmle, B., Gerritsen, H.E., Furlan, M., Turecek, P., Schwarz, H.P., Scheiflinger, F., Antoine, G., Kerschbaumer, R., Tagliavacca, L., Zimmermann, K. and Voelkel, D. et al., State action (Velkel) cleaving protease polypeptide, nucleic acid encoding the polypeptide and use of polypeptide action Coletter: WO 0242441. A. 24 30-MAX-2002; Baxter Aktiengesellschaft (AT)

Location/Qualifiers
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Candida albicans
Bukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; mitosporic Saccharomycetales; Candida.
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THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
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Best Local Similarity 80.0%; Pred. No. 6.5e+02;
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Pred. No. 6.5e+02;
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/organism="synthetic construct"
/wol_type="unassigned DNA"
/db zref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Detection and quantification of human herpes viruses
Patent: WO 0234953-A 19 02-MAY-2002;
HARRIS, ROBERT B (US)
Location/Qualifiers
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Pred. No. 6.5e+02;
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Pred. No. 6.5e+02;
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/organism="synthetic construct"
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Sequence 19 from Patent WO0234953.
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Sequence 24 from Patent WO0242441.
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                                                                                                                                                                                                                                                                                                                                        White, J.H.
Markers for testing analogs of vitamin d and therapeutical uses
Patent: WO 0244403-A 39 06-JUN-2002;
MCGILL UNIVERSITY (CA)
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Patent: WO 02061134-A 48 08-AUG-2002;
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS (US)
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30.0%; Pred. No. 6.5e+02;
lve 0; Mismatches 4; Indels
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Pred. No. 6.5e+02;
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80.0%; Pred. No. 6.5e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer"
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Sequence 39 from Patent W00244403.
AX554352.
AX554352.1 GI:25898168
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Lusis, A.J., Ohmen, J., Ross, D., Tafuri, S. and Wu, C.
Gene and sequence variation associated with lipid disorder
Patent: WO 0220847-A 3301 14-MAR-2002,
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
           Roemer, T., Jiang, B., Boone, C., Bussey, H. and Ohlsen, K.L. Gene disruption methodologies for drug target discovery Patent: WO 02063798-A 5724 11-JUL-2002; Elitra Pharmaccuticals, Inc. (US) Location/Qualifiers
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Inhibition of angiogenesis by nucleic acids
Patent: WO 02053:41-A 243 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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Pred. No. 6.5e+02;
0; Mismatches 4;
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ilarity 80.0%; Pred. No. 6.5e+02;
Conservative 0; Mismatches 4;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/nofe="Synthetic Primer"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"
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/organism="Candida albicans"
/mol_type="unassigned DNA"
/db_xref="taxon:5476"
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Sequence 330 from Patent WO0220847.
AX526615
AX526615.1 GI:25171422
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AX547104.1 GI:25812248
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Isogai,T., Sugiyama,T., Otsuki,T., Wakamatsu,A., Sato,H., Ishii,S.,
Yamamoto,J.I., Isono,Y., Hio,Y., Otsuka,K., Nagai,K., Irie,R.,
Tamechika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,K. and
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Treatment of central nervous system disorders by use of pdgf or
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   Mammalia; Eutheria; Primates; Catarrhíni; Hominidae; Homo.
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Patent: EP 1308459-A 4089 07-MAY-2003;
Helix Research Institute (JP) ; Research Association for
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/note="primer"
                               Pincemail, J., Piette, J. and Marechal, D. Process for the detection of oxidative simplementation Patent: WO 03016527-A 64 27-FEB-2003; Probiox SA (BE)
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Patent: WO 03024478-A 26 27-MAR-2003;
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                                                                                                                                                                     /mol_type="unassigned DNA"
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                 PAT 22-MAR-2003
                                                                                                                                                                            Poole, J., Roninson, I.B. and Chang, B.D.
Reagents and methods for identifying and modulating expression of
genes regulated by cdk inhibitors
Patent: WO 02066681-A 68 29-AUG-2002,
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS (US)
                                                                                                                               Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mirel,D.B., Erlich,H.A., Bugawan,T.L., Noble,J.A. and Valdez,A.M. Il-4 receptor sequence variation associated with type 1 diabetes Patent: WO 03010335-A 36 06-FEB-2003; Roche Diagnostics GmbH (DE) ; F. HOFFMANN-LA ROCHE AG (CH)
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/db_xref="taxon:9606"
/note="Analytical sense primer for MAC2-BP"
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Pred. No. 6.5e+02;
0; Mismatches 4;

    .20
    /ozganism="synthetic construct"
/mol_type="unassigned DNA"
    /db xref="taxon:32630"
    /note="primer"

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          Sequence 68 from Patent W002066681.
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                                                                                                                                                                                                                                                                                                     /organism="Homo sapiens"
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Best Local Similarity 80.05
Matches 16; Conservative
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synthetic construct

Synthetic construct

artificial sequences.

I (bases 1 to 20)

Synthetic acids containing unmethylated CPG dinucleotide in the treatment of LPR-associated disorders

UNIVERSITY OF IOWA RESEARCH FOUNDATION

Artificial Sequence

NN G-SEP-1998 UP 1998537810

PR 28-FEB-1997 US 60/039405

PI DAVID A SCHWARTZ, ARTHUR M KRIEG

PC Synthetic oligonucleotide

CC Synthetic oligonucleotide

FT source

//organism='Artificial Sequence'.
                                                                                                                                                                               BD069976 20 bp DNA linear PAT 27-AUG-2002 Use of nucleic acids containing unmethylated CPG dinucleotide in the treatment of LPS-associated disorders.
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1 (bases 1 to 20)

Matsushimar, K., Hashimoto, S., Suzuki, T. and Nagai, S.

Human matured/activated dendritic cell expression genes

Patent: JP 2001377293-A 328 27-NOV-2001;

JAPAN SCIENCE AND TECHNOLOGY CORP

JAPAN SCIENCE AND TECHNOLOGY CORP

OS Artificial Sequence

PN JP 200137293-A/328

PD 27-NOV-2001

PP 22-MAY-2000 JP 2000150562

PP ROJI MATSUSHIMA, SHINICHI HASHIMOTO, TAKUJI SUZUKI, SHIGENORI
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Human matured/activated dendritic cell expression genes.
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80.0%; Pred. No. 6.58+02;
ive 0; Mismatches 4; Indels
                        Indels
 Best Local Similarity 80.0%; Pred. No. 6.5e+02; Matches 16; Conservative 0; Mismatches 4
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/organism="synthetic construct"
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JP 2001327293-A/328.
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Best Local Similarity 80.0
Matches 16; Conservative
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Method for inducing differentiation of embryonic stem cells into
functioning cells.
Parent: WO 03062405-A 33 31-JUL-2003;
Inoue, Kazutomo (JP); Yugengaisha Okuma Contactlens Kenkyujo (JP)
Location/Qualifiers
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                                               /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="an artificially synthesized primer sequence"
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Pred. No. 6.5e+02;
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Pred. No. 6.5e+02;
0; Mismatches 4;
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 33 from Patent WO03062405.
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WO03076464.
             Location/Qualifiers
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Location/Qualifiers
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AX812145.1 GI:38635781
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Best Local Similarity 80.0
Matches 16; Conservative
Biotechnology (JP)
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PC
C07H21/04,C07K16/40,C12N9/12,C12N9/99,C12Q1/48,C12Q1/68,G01N33/ PC
                                               Artificial Sequence
JP 2001321190-A/1374
20-NOV-2001
12-MAR-2001
BIICHI SOEDA
C12N15/09,C12N15/09,C12N1/00,C12Q1/68,G01N33/53,G01N33/566,
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PN 72 2001521731-A/1
PD 13-NOV-2001
PF 30-OCT-1998 JP 2000518978
PR 31-OCT-1997 US 08/961578
PI RICHARD J BUCALA, JASON A CHESNEY, ROBERT A MITCHELL, PC C12N15/09, AG1K31/711, AG1K38/00, AG1K45/00, AG1K48/00, AG1P29/00,
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    Patent: JP 2001321190-A 1374 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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Inducible phosphofructokinase and the warburg effect.
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Bucala,R.J., Chesney,J.A. and Mitchell,R.A.
Inducible phosphofructokinase and the warburg effect
Patent: JP 2001521731-A 1 13-NOV-2001;
THE PICOWER INSTITUTE FOR MEDICAL RESEARCH
                                                                                                                                                                                                                                                                                                                                  Length 20;
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                                                                                                                                                                                                          1. .20
/organism='Artificial Sequence'
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Location/Qualifiers
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0.8%; Score 13.6; DB 1;
Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 4;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                     Location/Qualifiers
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Topology: Unknown;
hiPFK-2 antisense
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BD091266.1 GI:22636876
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Locus
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TITLE
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JP 2001321190-A/602
20-NOV-2001
12-MAR-2001
EIICHI SOEDA
C12N15/09,C12N15/09,C12N1/00,C12Q1/68,G01N33/53,G01N33/566, PC
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Patent: JP 2001321190-A 602 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
Artificial Sequence: Synthesized Oligonucleotide FH Location/Qualifiers.
Location/Qualifiers
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                                                                                                                          0.8%; Score 13.6; DB 1;
80.0%; Pred. No. 6.5e+02;
tive 0; Mismatches 4;
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80.0%; Pred. No. 6.5e+02;
tive 0; Mismatches 4;
                                                             /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:22630"
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synthetic construct
artificial sequences.
1 (bases 1 to 20)
Soeda,E.
A method of arraying genome clone
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A method of arraying genome clone.
BD088358
BD088358.1 GI:22633968
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1 (bases 1 to 20)
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synthetic construct
synthetic construct
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Best Local Similarity
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ACCESSION
VERSION
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BD089130/c
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ORGANISM
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VERSION
KEYWORDS
SOURCE
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TITLE
JOURNAL
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TITLE
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synchetic construct
artificial sequences.

E 1 (bases 1 to 20)
S Kato, I., Izu, H. and Asada, K.
Substrate for immobilizing ligand
D STARRA SHUZO CO LTD, IKUNOSHIN KATO, HIROYUKI IZU, KIYOZO ASADA
Artificial Sequence
PD 17-MAY-2001
PF 24-0CT-2000 WO 2000JP007415
PR 105-NOV-1999 JP 99P 315610
PF 10-MAY-2001
PF 24-0CT-2001 WATO, HIROYUKI IZU, KIYOZO ASADA
PI IKUNOSHIN KATO, HIROYUKI IZU, KIYOZO ASADA
PC GOIN33/543,GOIN33/521,GOIN33/53,GOIN33/566,GOIN37/00 CC
Designed oligonuclectide permet for amplifying a portion of CC
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      PD 16-AUG-2001

PF 09-FEB-2000 WO 2000JP000693

PI AKIHIRO YAMAGUCHI,KOKICHI KIKUCHI,KENJI NAKAMURA PC CL2N15/33,C12Q1/68,G01N33/50

CC TENTE/33, Lagily CC CC TENTE 
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/organism='Artificial Sequence'
Location/Qualifiers
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Pred. No. 6.5e+02;
0; Mismatches 4; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Substrate for immobilizing ligand.
BD094584
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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WO 0135098-A/22.
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C07H21/04,C07K16/40,C12N9/12,C12N9/99,C12Q1/48,C12Q1/68,G01N33/ PC
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Inducible phosphofructokinase and the warburg effect
Datent: JP 2001521731-A.2 13.NOV-2001;
THE PICOWER INSTITUTE FOR MEDICAL RESEARCH
OS Undentified
PN JP 2001521731-A/2
PD 13-NOV-2001
PR 31-OCT-1998 JP 2000518978
PR 31-OCT-1997 US 08/961578
PR RICHARD J BUCALA, JASON A CHESNEX, ROBERT A MITCHELL PC
CIRKLEY, JASON A CHESNEX A ROBERT A MITCHELL PC
CIRKLEY, JASON A CHESNEX A ROBERT A MITCHELL PC
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Microplate fluorescent screening method for gene abnormality
enabling convenient and economical treatment of many specimens
Parent: NO 0159124-A 10 16-AUG-2001;
KIKUCHI, KENJI NAKAMURA
OS K.ras
NO 0159124-A/10
PN WO 0159124-A/10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                BD091490 20-AUG-Microplate fluorescent screening method for gene abnormality enabling convenient and economical treatment of many specimens.
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                                                                                                                                                                                                                                       BD091267 linear F
Inducible phosphofructokinase and the warburg effect.
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80.0%; Pred. No. 6.5e+02;
ative 0; Mismatches 4; Indels
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Strandedeness: Single;
Topology: Unknown;
hiPFK-2 antisense
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          organism='Unidentified'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Location/Qualifiers
CCAACTACATCTTCCCTGCT 1698
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                                                                                                                                                                                                                                                                                                                             BD091267.1 GI:22636877 JP 2001521731-A/2. unidentified
                                                                 ccaacecarcriceceeer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (bases 1 to 20)
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unidentified
unidentified
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unclassified
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Best Local &
                                                                                                                                                                                                                                                           DEFINITION
ACCESSION
VERSION
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ORGANISM
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TITLE
JOURNAL
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synthetic construct
synthetic construct
synthetic construct
artificial sequences.

E 1 (bases 1 to 20)

Rethod of screening antitumor drug by using interaction between ARP protein and HK33 protein

Patent: WO 0220770-A I 14-WAR-2002;
CHUGAI RESERVATIVE POR MOLECULAR MEDICINE INC, NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, TAKASHI SUGIHARA, RENU WADHWA, SUNIL C KAUL

OS Artificial Sequence
RN WO 0220770-A/1

PD 14-MAR-2002

PR 09-SEP-2000 WO 2001JP007732

PR 08-SEP-2000 UP 00P 274209

PI TAKASHI SUGIHARA, RENU WADHWA, SUNIL C KAUL

PC CL2NIS/09, AGIK45/00, AGIR35/00, C1201/68, G01N33/15, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OS Artificial Sequence
PN WO 0220770-A/I
PD 14-MAR-2002
PF 06-SEP-2001 WO 2001JP007732
PR 06-SEP-2001 WO 2001JP007732
PR 08-SEP-2000 JP 00P 274209
PI TAKASHI SUGHHARA,RENU WADHWA,SUNIL C KAUL
PC CIZNIS/09,A6IK45/00,A6IN55/00,CI2N5/10,CI2Q1/68,G01N33/15, PC G01N33/55,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56,G01N33/56
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Method of screening antitumor drug by using interaction between ARF BD142386
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             'organism='Artificial Seguence'
                                                                                                                                                                                                Length 20;
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80.0%; Pred. No. 6.5e+02;
tive 0; Mismatches 4;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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1 BD161599
1 BD161599 LG1:27867357
UP 2002153300-A/1.
synthetic construct

    .20
    /organism="synthetic comol_type="genomic DNA"
    /db_xref="taxon:32630"

                                         Location/Qualifiers
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                                                                                                                                                                                                                                                                                                   156 GICAAIGACACICCGAGGIG 175
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WO 0220770-A/1.
                                                                                                                                                                                          Query Match
Best Local Similarity 80.0%
Matches 16; Conservative
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Best Local Similarity 80.0
Matches 16; Conservative
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ACCESSION
VERSION
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SOURCE
ORGANISM
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TITLE
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KEYWORDS
SOURCE
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                                FEATURES
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E 1 (bases 1 to 20)
Chen,H. and Presider,N.B.
Method and composition for diagnosing and treating 18p
chromosome-associated disorder
A Patent: JP 2002506875-A 26 05-MAR-2002;
MILLENNIUM PHARMACEUTICALS INC, REGENTS OF THE UNIVERSITY OF
CALIFORNIA
OS Artificial Sequence
PN JP 2002506875-A/26
DD 05-MAR-1999 JP 2000536728
PF 16-MAR-1999 US 60/078044,05-UUN-1998 US 60/088312 PR
28-OCT-1998 US 60/106056,22-UAN-1999 US 60/088312 PR
CHEN,NELSON B FREIMER
PC COTYLA/4435,A61X45/00,A61P25/00,COTXL5/18,CI2N1/15,CI2N1/19, PC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               BD137400 20 bp DNA linear PAT 18-SEP-2002 Method and composition for diagnosing and treating 18p
                   1 (Dases 1 to 20)
Liu,0. Macdonald,T., Bonnert,T.P., Ng,G.Y.Q., Jr,L.F.K., Clark,J.
and Bonner,T.I.
Novel GABAB receptor DNA sequence
Patent: JP 2002502859-A 35 29-JAN-2002;
MBRCK & CO INC,MERCK FROST CANADA & CO, UNIVERSITY OF TEXAS HEALTH
SCIENCE CENTER AF SAN ANTONIO, NATIONAL INSTITUTES OF HEALTH, MERCK
SHARP & DOHME LTD
                                                                                                                                                                                                                                                                                                                                                                                                                      NG,
LEE F KOLAKOMSKI JR, JANET CLARK, TOM I BONNER
C07K14/705, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12N15/09, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PC
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C12N5/10,C12N15/01,C12N15/09,C12P21/06,C12Q1/68,C12N5/00,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                    PI NG,
PI LEE F KOLAKOWSKI JR, JANET CLARK, TOM I BONN,
PC COXY14/705, C12N1/15, C12N1/19, C12N1/21, C12N
C12P21/02,
PC G01N33/53, G01N33/566, C12N5/00, C12N15/00
CC Novel GABAB receptor DNA sequence
FH Key
I Coation/Qualifiers
FT source
//organism='Homo sapiens (h)
                                                                                                                                                                                                                                 OS Homo sapiens (human)
PN JP 2002502859-A/35
PD 29-JAN-2002
PF 03-FEB-1999 JP 2000530542
PF 05-FEB-1999 US 60/073767
PI QINGYUN LIU, TERENCE MACDONALD, TIMOTHY P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 13.6; DB 1;
Pred. No. 6.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Location/Qualifiers
1. .20
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80.0%; Pred. No. e..
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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BD137400
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20 AGGCACAGCTGGAACTGTT 1
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JP 2002506875-A/26.
synthetic construct
synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           16; Conservative
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C12N15/00,
C12N15/00
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Best Local Similarity
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BD137400/c
LOCUS
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                                                                                                     TITLE
JOURNAL
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TITLE
                           REFERENCE
                                                 AUTHORS
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KEYWORDS
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17 2002300894-A/20
15-OCT-2002 UP 2002019752
29-JAN-2002 UP 2002019752
YUSUKE NAKAMURA, TOSHIHIRO TANAKA, YOZO ONISHI, KOICHI OZAKI, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PAT 17-JUL-2003
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synthetic construct
artifications truct
artification of the sequences.

1 (bases 1 to 20)
Harlin, M.C.C., Lambert, J.C. and Amouyel, P.
Method for diagnosing Alzheimer's disease
Patent: JP 2002510975-A 6 09-APR-2002;
INSTITUT PASTEUR DE LILLE, INSTITUT NATIONAL DE LA SANTE ET DE LA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MARIE CHRISTINE CHARTIER HARLIN, JEAN CHARLES LAMBERT, PHILIPPE
            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                        artificial sequences.

1 (Daees 1 to 20)

Nakamura, Tanaka, T., Onishi, Y., Ozaki, K. and Yamada, A. A method for snp typing

Patent: JP 2002300894-A 20 15-OCT-2002;

THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH
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larity 80.0%; Pred. No. 6.5e+02;
Conservative 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      'organism='Artificial Sequence'
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                                                                                                                                                                                                                     linear
            Indels
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Description of Artificial Sequence: primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          C12N15/09,C12Q1/68,C12N15/00
Description of Artificial Seguence:Primer
              4.
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Method for diagnosing Alzheimer's disease.
BD195964
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                     DNA
         0; Mismatches
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JP 2002510975-A/6
09-APR-2002
30-JUM-1998 UP 1999506527
01-JUL-1997 FR 97/08284
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                                                  1281 GCCAGGCATCCTGTCCAACG 1300
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                                                                                              1 GACAGGCTTCTTGTCCATCG 20
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JP 2002510975-A/6.
                                                                                                                                                                                                                                                                                                                                  synthetic construct
synthetic construct
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JP 2002300894-A/20.
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       16; Conservative
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PC C12N15/09,
CC Descriptio
FH Key
FT source
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Best Local Similarity
Matches 16; Conserv
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PD
PF
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ORGANISM
                                                                                                                                                                       RESULT 938
                                                                                                                                                                                                                                   DEFINITION
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VERSION
KEYWORDS
SOURCE
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       Matches
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VERSION
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TITLE
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LOCUS
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02-OCT-2001 WO 2001JP008684
03-OCT-2000 JP 00P 305694
MAGABUMI SHIBUXA,TOMOKO TAKAHASHI,AKIKO FURUYA,KENYA SHITARA
C1201/02,C1201/48,C12N15/09,C07K16/18,C07K14/47,A61K39/395, PC
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                                                                                                                                                                                                                                                           Description
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synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 20)
Shibuya,M., Takahashi,T., Furuya,A. and Shitara,K.
Substance inhibiting binding of signal transducing molecule to
Substance inhibiting binding of signal transducing molecule to
KDR/Rlk-1 phosphorylated at tyrosine at the 1175-position and
method of using the same
Patent: WO 0229090-A 3 11-APR-2002;
KXOWA HAKKO KOGYO CO LTD,MASABUMI SHIBUYA
OS Artificial Sequence
NWO 0229090-A/3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Substance inhibiting binding of signal transducing molecule to KDR/Flk-1 phosphorylated at tyrosine at the 1175-position and method of using the same.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
            LINCKO, H., Tamiya, G. and Matsuzaka, T.

Examination method of azcospermia

Batent: JF 2002153300-A 1 28-MAY-2002;

HIDETOSHI INOKO
OS Artificial Sequence
PN JP 2002153300-A/1

PD 28-MAY-2002
PF 24-NOV-2000
PF 24-NOV-2000
PF 24-NOV-2000
FF 24-NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0
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                                                                                                                                                                                                                                                                                                                                                /organism='Artificial Sequence'
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               'organism='Artificial Sequence'
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 13.6; DB 1;
Pred. No. 6.5e+02;
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80.0%; Pred. No. 6.5e+02;
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/organism="synthetic construct"
/mol type="genomic DXA"
/db_xref="taxon:32630"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
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1..20
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BD167763.1 GI:27873575
WO 0229090-A/3.
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       sednences.
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Best Local Similarity 80.0
Matches 16; Conservative
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Best Local Similarity
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artificial
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CC t
FH X
FT 8
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DEFINITION
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ORGANISM
                                         AUTHORS
TITLE
JOURNAL
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VERSION
KEYWORDS
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AUTHORS
TITLE
                     REFERENCE
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FEATURES

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1. .20
/note="reverse primer for human STS sts-stSG25740 at 1p36
sts-stSG25740 obtained from clones B326A10, B361M21, Human
BAC library RPCI-11"
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                                     Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H., Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A. and Soeda,E.
A BAC-based STS-content map spanning a 35-Mb region of human
                                                                                                                                                                                                                                   Direct. Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology, 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8875, Japan (B-mail:horii@mail.cc.tchoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Lander, E.S., Gargill, M., Ireland, J.S., Bolk, S., Daley, G.Q. and Mccarthy, J.J.
Single nucleotide polymorphisms in genes
Patent: WO 0118250-A 2302 15-WAR-2001;
WHITEBEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US); Millennium
Pharmaceuticals, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 20;
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80.0%; Pred. No. 6.9e+02;
Live 0; Mismatches 4; Indels
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Pred. No. 6.5e+02;
0; Mismatches 4;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Genomics 74 (1), 55-70 (2001)
21269192
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         artificial sequences.
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Homo sapiens
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Best Local Similarity 80.09
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Patent: JP 2002515514-A 2 28-MAY-2002;
ISIS PHARMACETUICALS INC
ON Artificial Sequence
NO Artificial Sequence
PD 28-MAY-1998 JP 2000549773
PR 20-MAY-1998 US 09/082336
PR 21-MAY-1998 US 09/082336
PR AHUL MEHTA, GREGORY E HARDEE, PHILLIP D COOK, DAVID J ECKER, PI
YALI JENNIFER TSAI, MICHAEL V TEMPLIN
PC ASILKAS(00, AGENS) 107, AGENS1/7088, AGENS1/7125, AGENS7/12, AGENS4/7/
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artificial sequences.
1 (bases 1 to 20)
Mehta,R., Hardee,G.E., Cook,P.D., Ecker,D.J., Tsai,Y.J. and
Templii,M.
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                                   organism='Artificial Sequence'.
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Location/Qualifiers
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C07H21/04, C12N15/09, C12Q1/68, C12N15/00
Antisense Sequence
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Pred. No. 6.5e+02;
0; Mismatches 4;
 Location/Qualifiers
                                                                                     /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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JP 2002515514-A/2.
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16; Conservative
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BD209849/c
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FEATURES

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PAT 17-AUG-2003
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                                                                                                                                                                                                                                                            Unknown.
Unknown.
Unclassified.
I (bases 1 to 15)
I (bases 1 to 15)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Pacco,P., WcSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Patchod and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patcht: US 6566127-A 4075 20-MAY-2003;
Location/Qualifiers
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Davies, S.W.
Method for nucleic acid sequence determination using codes for
                                       Gaps
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   Query Match 0.8%; Score 13.4; DB 1; Length 1 Best Local Similarity 93.3%; Pred. No. 4.6e+02; Matches 14; Conservative 0; Mismatches 1; Indels
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Patent: US 6654696-A 1 25-NOV-2003;
Location/Qualifiers
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Unclassified.

1 (bases 1 to 15)
1 verco,P., McSwigen,J., Stinchcomb,D. and Escobedo,J.
Pavco,P., McSwigen, T., Stinchcomb,D. and Escobedo,J.
Pathod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 8419 12-FFB-2002;
Location/Qualifiers
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1 (bases 1 to 15)
Vogelstein, B., Kinzler, K.W., Zhang, L. and Zhou, W. Gene expression profiles in normal and cancer cells Patent: US 6333152-A 233 25-DEC-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                         linear
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                                                                                      Unclassified.

1 (bases 1 to 15)
Stinchcomb,D.T., Draper,K.G. and McSwiggen,J.
Botentinon(Monalities)
                                                                                                                                                                                                                                                                                                                                                                                                                         DNA
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AR192931.1 GI:20238896
                                                                                                                                                                                                                                                                                                                                                                                                                     AR180165
Sequence 233 from patent US 6333152.
AR180165
Sequence 320 from patent US 5658780.
161766
161766.1 GI:2479714
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/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                      /organism="unknown"
/mol_type="unassigned DNA"
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Best Local Similarity 93.3%
1.7 14; Conservative
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Best Local S:
Matches 14
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FEATURES
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TITLE
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PAT 16-MAY-2001
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          Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 6994 20-MAY-2003; Location/Qualifiers
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1 (bases)

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O.8%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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Elledge,S.J. and Sanchez,Y.
Mammalian checkpoint genes and proteins
Patent: US 6218109-A 6 17-APR-2001;
                                                                                                                                                                                                                                                                                                                                         DNA
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                                                                                             /organism="unknown"
/mol_type="unassigned RNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 6 from patent US 6218109.
AR145684
AR145684.1 GI:15108873
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/organism="unknown"
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AR120029/c
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TITLE
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AR145684/c
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                                                                                                  de Smet,K. and Stuyver,L.
Method For detection of drug-induced mutations in the hiv reverse transcriptase gene
Patent: WO 02055741-A 413 18-JUL-2002;
INNOGENETICS N.V. (BE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Stinchcoomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
                                                                                                                                                                                                                                                                                                                                    Gaps
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                 Human immunodeficiency virus
Human immunodeficiency virus
Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate
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Inclassified.
1 (bases 1 to 16)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Bscobedo,J.
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0.8%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 4.68+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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    15. .15
    Organism="Human immunodeficiency virus"
/mol_type="unassigned DNA"
/db_xref="taxon:12721"

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Sequence 6994 from patent US 6566127.
AR329592
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RIBOZYME PHARMACEUTICALS, INC. (US)
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Sequence 3234 from Patent EP1260586.
AX636095
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/mol_type="unassigned RNA"
/db_xref="taxon:32644"
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Best Local Similarity 93.33
Matches 14, Conservative
                                                                     lentivirus group.
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AR329592/c
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AX636095
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Rethod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 1929 12-FEB-2002;
Location/Qualifiers
                                                                                                                                                                                          Unknown.
Unclassified.
1 (bases 1 to 17)
Anderson,K., Draper,K. and Baker,B.
Oligonucleotides for modulating the effects of cytomegalovirus infections
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1 (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.8%; Score 13.4; DB 1; Length 17; Best Local Similarity 93.3%; Pred. No. 5.6e+02; Matches 14; Conservative 0; Mismatches 1; Indels
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larity 93.3%; Pred. No. 5.6e+02;
Conservative 0; Mismatches 1; Indels
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Sequence 1929 from patent US 6346398.
AR186441 GI:20232406
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                                                                                                                                                                                                                                                                                        Patent: US 5442049-A 33 15-AUG-1995;
Location/Qualifiers
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/organism="unknown"
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                                                                                        Il3825
Sequence 33 from patent US 5442049.
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    17
    organism="unknown"

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          2 ACATCCTTGTGGCAC 16
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Unclassified.
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Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Regulation of repressor genes using nucleic acid molecules FH Location/Qualifiers
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PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN C12N15/09, A61K38/00, A61E43/00, A61E43/00, C12N5/10, PC C12P21/02,
                                                                                                                                                                                                                                                                                                                                                          Gaps
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1 (bases 1 to 17)

Blatt,L. Zwick,M., Pavco,P. and Mcswiggen,J.
Regulation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 6364 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     BD258571 17-8egulation of repressor genes using nucleic acid molecules.
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0.8%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                 l (bases 1 to 17)
Blledge,S.J. and Sanchez,Y.
Mammalian checkpoint genes and proteins
Patent: US 6307015-A 6 23-OCT-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                     /organism="unknown"
/moi_type="unassigned DNA"
                                  17 bp
6307015.
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Sequence 6 from patent US
AR174508
AR174508.1 GI:17914828
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JP 2002541795-A/6364
10-DEC-2002
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1 (bases 1 to 17)

Parco.P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 1988 20-MAY-2003;
                                                                                                                                                                                      1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 474 20-MAY-2003,
Location/Qualifiers
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Unclassified.
I (bases I to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Patchod and reagent for the treatment of diseases or conditions
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93.3%; Pred. No. 5.6e+02;
cive 0; Mismatches 1;
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93.3%; Pred. No. 5.6e+02;
ative 0; Mismatches 1;
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AR327362.
AR327362.1 GI:33713170
                                                              Sequence 474 from patent US 6566127. AR223072.
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US 6566127.
                                                                                                                                                                                                                                                                                                                  /mol_type="unassigned RNA"
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/organism≂"unknown"
/mol_type="unassigned RNA"
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Sequence 1988 from patent
AR324586
AR324586.1 GI:33710394
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Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 4221 12-FEB-2002;
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E 1 (bases 1 to 17)

S Beigelman, J., Burgin, A., Beaudry, A., Karpeisky, A.,

Matulic-Adamic, J., Sweedler, D. and Zinnen, S.

Synthetic ribonucleic acids with RNAse activity

Mylb Patent: US 6528640-A 504 04-MAR-2003;

Location/Qualifiers
                                                                                                                        n 0.8%; Score 13.4; DB 1; Length 17; Similarity 93.3%; Pred. No. 5.6e+02; 14; Conservative 0; Mismatches 1; Indels
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Pred. No. 5.6e+02;
0; Mismatches 1; Indels
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Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Matulic-Informucleic acids with RNAse activity
Patent: US 6528640-A 438 04-MAR-2003;
Location/Qualifiers
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Sequence 504 from patent US 6528640.
AR286132.
AR286132.1 GI:29723728
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/organism="unknown"
/mol_type="unassigned DNA"
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                                              Location/Qualifiers
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/organism="unknown"
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AR286066/c
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Unclassified.

In (bases 1 to 17)

Akhtar, S., Fell, P. and McSwiggen, J.A.

Akhtar, S., Fell, P. and McSwiggen, J.A.

Enzymatic mucleic acid treatment of diseases of conditions related to levels of epidermal growth factor receptors

Fatent: US 6623962-A 301 23-SEP-2003;

Location/Qualifiers
                                                 PAT 18-DEC-2003
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Gu, Y. and Shannon, M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6650700-A 546 02-DEC-2003;
Location/Qualifiers
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93.3%; Pred. No. 5.6e+02;
tive 0; Mismatches 1;
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Best Local Similarity 93.3%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 1;
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Patent: WO 0159103-A 3331 16-AUG-2001;
                                          Sequence 301 from patent US 6623962. AR401961. GI:40149411
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US 6656700.
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/wol_type="genomic DNA"
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AR434123.1 GI:40196966
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related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 4764 20-MAY-2003; Location/Qualifiers
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Beigelman, L., Burgin, A.B., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweddler, D. and Zinnen, S.
Oligoribomuclectides with enzymatic activity
Patent: US 6617438-A 503 09-SEP-2003;
Location/Qualifiers
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93.3%; Pred. No. 5.6e+02;
tive 0; Mismatches 1;
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AR398056.1 GI:40135558
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Sequence 503 from patent US 6617438.
AR398122
                                                         /organism="unknown"
/mol_type="unassigned RNA"
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AX475012/c
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US) McSwiggen, James (US); Chowrira, Bharat M. (US) Location/Qualifiers
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Patent: WO 0159103-A 3332 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Blatt, Lawrence (US)
McSwiggen, James (US) ; Chowriza, Bharat M. (US)
Location/Qualifiers
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/mol_type="unassigned RNA"
/mol_type="unassigned"
/db_xref="taxon:32630"
/noce="Nucleic Acid"
                                                              /organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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PAT 12-AUG-2002
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 232 28-WAR-2002;
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Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 233 28-MAR-2002;
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AX475011
Sequence 232 from Patent WO0224750.
AX475011
AX475011.1 GI:22214296
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Sequence 233 from Patent W00224750.
AX475012
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/db_xref="taxon:9606"
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Location/Qualifiers
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Location/Qualifiers
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PAT 22-NOV-2002
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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93.3%; Pred. No. 5.6e+02;
tive 0; Mismatches 1;
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                     Human posh-like protein 1
Patent: EP 1239051-A 977 11-SEP-2002;
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Patent: EP 1239051-A 978 11-SEP-2002;
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Patent: EP 1239051-A 979 11-SEP-2002;
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xxef="taxon:9606"
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Sequence 978 from Patent EP1239051.
AX531469 AX531469.1 GI:25254715
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Sequence 979 from Patent EP1239051.
AXS31470

    17 /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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/organism="Homo sapiens"
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Location/Qualifiers
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"Thes 14; Conservative
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Best Local Similarity
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      Shannon, M.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Pred. No. 5.6e+02;
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Patent: EP 1229046-A 62 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human testis expressed patched like protein
Patent: EP 1229046-A 65 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX531468
AX531468.1 GI:25254713
           Sequence 62 from Patent EP1229046.
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Sequence 65 from Patent BP1229046.
AX498758
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Best Local Similarity 93.3%;
Matches 14; Conservative (
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Homo sapiens
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Homo sapiens
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AX531468
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and Grupe, A.
Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 338 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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                                                                  Homo sapiens (human)
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: BP 1239051-A 1806 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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     Sequence 1806 from Patent EP1239051.
AX532297
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Sequence 338 from Patent W00211674.
AX578500 GI:27647702
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Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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93.3%; Pred. No. 5.6e+02;
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Patent: EP 1239051-A 1804 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human posh-like protein 1
Patent: EP 1239051-A 1805 11-SEP-2002;
Aeomica, Inc. (US)
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EP1239051.
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX532295
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Sequence 1805 from Patent
AX532296
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Best Local Similarity
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Length 17; Indels PAT 10-JAN-2003

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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Method and regent for the inhibition of calcium activated chloride channel—I (clca—I)
Patent: WO 0211674-A 1237 14-FEB-2002;
RIBOZNE PHARMACEURICALS, INC. (US); Syntex (U.S.A.) LLC (US);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A.
Method and reagent for the inhibition of calcium activated chloride channel -1 (clca -1)
Patent: WO 0211674-A 1500 14-FEB-2002;
RIBOZYME PHARMACELTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
     Patent: WO 0211674-A 1190 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US)
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13.3%; Pred. No. 5.6e+02;
ve 0; Mismatches 1; Indels
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Pred. No. 5.6e+02;
); Mismatches 1;
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/db_xref="taxon:9606"
                                                                                                 /organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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                                           Thompson, James (US)
Location/Qualifiers
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Location/Qualifiers
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Location/Qualifiers
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Best Local Similarity 93.3%; Prev
Matches 14; Conservative 0; 7
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Best Local Similarity 93.3%;
Matches 14; Conservative (
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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E.
and Grupe, A.
Method and reagent for the inhibition of calcium activated chloride
channel-I (clca-1)
               Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Mcthod and reagent for the inhibition of calcium activated chloride channel—1 (Clca—1)
Patent: WO 0211674-A 810 14-FEB-2002;
RIBOZYME PHARMACETICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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Patent: WO 0211674-A 1189 14-FEB-2002;
RIBOZYME PHARMACETICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 1190 from Patent WO0211674.
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                                                                                                                                 Thompson, James (US)
Location/Qualifiers
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AX579352.1 GI:27648554
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PAT 27-MAR-2003

DEFINITION ACCESSION VERSION KEYWORDS SOURCE

ORGANISM

REFERENCE AUTHORS JOURNAL

TITLE

FEATURES

RESULT 986 AX579715 LOCUS

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Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as
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                                                                                                                                                                                                                                                                                                                                                                              Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutele
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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  Best Local Similarity 93.3%; Pred. No. 5.6e+02; Matches 14; Conservative 0; Mismatches 1;
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0.8%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 1;
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Patent: WO 03004526-A 1806 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                                                                 17 bp DNA
Sequence 1806 from Patent WO03004526.
AX673361
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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                                                                                                    1 AACTTGAGACCTACA 15
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Homo sapiens
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Matches 14; Conserv
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AUTHORS
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Mcthod and reagent for the inhibition of calcium activated chloride channel—1 (clca—1)
Patent: WO 0211674-A 1553 14-FEB-2002;
RIBOZYME PHRANGEDICALS, INC. (US); Syntex (U.S.A.) LLC (US);
RIBOZYME PATENCENTICALS,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674A 1662 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                  Query Match

O.8%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 1;
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Seguence 1553 from Patent W00211674.
AX579715
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"

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/mol_type="unassigned RNA"
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Homo sapiens
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PAT 27-MAR-2003

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Query Match

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AX579824 LOCCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

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PAT 08-MAY-2003
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                                                     Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                        Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                                                                                                                                                                                                      Gaps
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13.3%; Pred. No. 5.6e+02;
ve 0; Mismatches 1; Indels
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                                                                                                                                                           medicines
Patent: WO 03025176-A 5415 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03025175-A 1326 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AX729692 17 bp DNA Sequence 1326 from Patent W003025175. AX729692. GI:30509035
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AX734496.1 GI:3051373
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
               Mus musculus (house mouse)
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14; Conservative
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Matches 14; Conserv
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Matches 14; Conserv
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LOCUS
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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                                           Sequence 2012 from Patent W003025176.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Seguence 5415 from Patent W003025176.
AX727728
                                                                                                                                                                                                                                                                                                                                                                            organism="Mus musculus"
|mol_type="unassigned DNA"
|db_xref="taxon:10090"
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/db_xref="taxon:10090"
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                                                                                                                                        Mus musculus (house mouse)
Mus musculus
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                                                                                                    AX724325.1 GI:30503668
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Best Local S:
Matches 14
           RESULT 990
AX724325/c
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AX725610
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BD067461
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                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments.

Patent: WO 03025177-A 86 27-MAR-2003;

Molecular Engines Laboratories (FR)

Location/Qualifiers
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                                                                                                                                                                    Length 17;
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                                                                                                                                                                                                                                                                                                                                 linear
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                                                                                                                                                                0.8%; Score 13.4; DB 1; 93.3%; Pred. No. 5.6e+02; ative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                 DNA
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Human anglomotin-like protein 1
Patent: WO 03037931-A 304 08-MAY-2003,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DNA
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Patent: WO 03037931-A 305 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                          Sequence 304 from Patent W003037931.
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                                                                                                     /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Location/Qualifiers
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Best Local Similarity
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Best Local Simil
Matches 14; (
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TITLE
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PAT 23-JUN-2003
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Enzymatic nucleic acid treatment of diseases or conditions related
to levels of epidermal growth factor receptors
Patent: JP 2001511003-A 301 07-ANG-2001;
RIBOZYME PHARMACEUTICALS INC,ASTON UNIV
OS Unidentified
PU JP 2015511003-A/301
PP 14-JAN-1998 JP 1998532913
PF 14-JAN-1998 JP 1998532913
PR 31-JAN-1997 US 60/036476,04-DEC-1997 US SAGHIR AKHAR,PATRICIA FELL,JAMBS A MCSWIGGEN PC
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Enzymatic nucleic acid treatment of diseases or conditions
related to
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      Length 17;
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Key 1. .17
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Location/Qualifiers
  Score 13.4; DB 1;
Pred. No. 5.6e+02;
0; Mismatches 1;
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93.3%; Pred. No. 5.6e+02;
tive 0; Mismatches 1;
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Patent: WO 03037931-A 306 08-MAY-2003;
Amersham Alsociences SV Corp. (US)
Location/Qualifiers
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Seguence 306 from Patent WO03037931.
AX753959
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          Shannon, M. and Phan, T.
Query Match

Best Local Similarity 93.3%;
Matches 14; Conservative (
                                                                                     856 AAGGACCTGAAGCAG 870
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                                                                                                                              AAGGAACTGAAGCAG 16
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CC Strandedness:
CC Topology: Line:
CC Enzymatic nucl
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Matches 14; Conservative
                                             14; Conservative
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unclassified.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata; Euteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominidae, Homo.

E 1 (bases 1 to 17)

B PavCo, P. A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J. A.

Method and reagent for treating diseases or conditions concerning include participating in vasculogenic response

INTROZYME PHARMACEUTICALS INC

OS Homo sapiens (human)

PN JP 2002509721-A/4292

PN 02-APR-2002

PR 24-WAR-1999 JP 2000541291

PR 27-WAR-1999 JP 2000541291

PR 27-WAR-1999 UP 2000541291

PR 27-WAR-1998 US 60/079678

PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PC
                                                                                                                                                                                                  Homo sapiens (human)
JP 2002509721-A/4292
02-APR-2002
24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAWELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                       C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO_ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
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1 (bases) to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2005509721-A 6483 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
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C. A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61R35/76,C12N15/00,
C12N5/00
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PN JP 2002509721-A/6483
PD 02-APR-2009
PF 24-WAR-1999 JP 2000541291
PR 27-WAR-1998 US 60/079678
PI PAWELA A PAVCO, BLISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOP PI JAWES A MCSWIGGEN
PC 12.115/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism='Homo sapiens (human)'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.8%; Score 13.4; DB 1; Length 17; 93.3%; Pred. No. 5.6e+02; ative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                        Method and reagent for treating diseases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               participating in vasculogenic response
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Location/Qualifiers
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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JP 2002509721-A/6483.
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Homo sapiens
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                              Homo sapiens
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
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JP 2002509721-A/3697
02-APR-2002
24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, JAMES A MCSWIGGEN
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PN JP 2002509721-A/3697
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1999 US 60/079678
PI JAMES A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHO PC
CL2N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06,
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1. .17
/organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"
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/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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JP 2002509721-A/3697.
Homo sapiens (human)
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Pilarski,L.M., Belch,A.R. and Szczepek,A.J.
Methods for decettion of rearranged DNA
Patent: US 6416948-A 11 09-UU-2002;
Location/Qualifiers
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93.3%; Pred. No. 6.1e+02;
tive 0; Mismatches 1;
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AR297042. GI:31684326
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Sequence 18 from patent US 6506580.
AR274512
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/organism="unknown"
/wol_type="genowic DNA"
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/mol_type="genomic DNA"
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Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEBOTIDE PREPARATION METHOD
PALENT: WO 9833904-A 1655 06-AUG-1998,
BIOGNOSTIK GES (DB), BRYSCH WOLFGANG (DE)
Location/Qualifiers
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Location/Qualifiers
                        participating in vasculogenic response
Key
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Sequence 1655 from Patent W09833904.
A89507
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 77 from patent US 5981732.
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/organism="Homo sapiens"
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Location/Qualifiers
              concerning molecule
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AR085641.1 GI:10012408
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Synthetic construct DNA, reverse primer for human STS sts-T54162 at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Socia, E.
A method of arraying genome clone
Patent: JP 2001321190-A 1876 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
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 An antisense oligonucleotide preparation method FH Location/Qualifiers
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93.3%; Pred. No. 6.1e+02;
tive 0; Mismatches 1;
                                                   /organism='Unknown'
Location/Qualifiers

    . 18
        /organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"

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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2001321190-A/1876
20-NOV-2001
12-MAR-2001 JP 2001068285
BIICHI SOEDA
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BD089632.1 GI:22635242
JP 2001321190-A/1876.
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An antiesness oligonuclectide preparation method
An antiesness oligonuclectide preparation method
Patent: UP 2001511000-A 1655 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS Unknown
PD 07-AUG-2001
PF 30-JAN-1998 UP 1998532533
PR 31-JAN-1997 BP 97101531.8
PR XALL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
PC C12N15/11, CO7121/104, AG1RX1/70
        1 (bases 1 to 18)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 637751-A 8777, 25-MAR-2003;
Location/Qualifiers
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 2845 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                             Length 18;
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30-JAN-1998 JP 1998532533
31-JAN-1997 BP 97101531.8
XARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
CI2N15/11, C07H21/04, A61K31/70
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93.3%; Pred. No. 6.1e+02;
iive 0; Mismatches 1;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 2845 from Patent W00129262.
AX117722
                                                                                                                                           /mol_type="genomic DNA"
                                                                                                          1. .18
/organism="unknown"
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Unclassified.
1 (bases 1 to 19)
Tamura,R.N. and Quaranta,V.
Integrin alpha subunit cytoplasmic domain polypeptides and methods
Patent: US 5589570-A 13 31-DEC-1996;
Location/Qualifiers
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Jupe, B.R., Thompson, L.F., Resta, R. and Dell'Orco, R.T.
Diagnostic assay for breast cancer susceptibility
Patent: US 6355427-A 24 12-MAR-2002;
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    19
/organism="Staphylococcus aureus"

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Sequence 24 from patent US 6355427.
AR199290
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 13 from patent US 5589570.
132966
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/mol_type="unassigned DNA"
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/db_xref="taxon:1280"
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Staphylococcus aureus
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Staphylococcus aureus
Staphylococcus aureus
Bacteria; Firmicutes; Bacillales; Staphylococcus.
1 (bases 1 to 19)
S Martin,K.R.B., Michael,A.L. and Patrik,V.W.
Novel prokaryotic polymciectide, polypeptide and utilization
L Patent: JP 199915586-A 23 15-JUN-1999;
SMITHKLINE BEECHAM CORP
OS Staphylococcus aureus
PN 199915586-A/23
PN 199915586-A/23
PP 05-AUG-1999 JP 19998255927
PR 05-AUG-1999 JP 19998255927
PR 05-AUG-1997 US 60/055387
PI MATIN KARL RASSERU BURNHAM,MICHAEL ARTHUR LONETTO, PI
PATRIK VANON WARREN
PC CIRNIS/09,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/00,A61K31/
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A61K31/00, A61K31/00, A61K31/00, A61K31/00, A61K31/00, A61K38/00,
A61K3/085,
A61K39/395, A61K39/395, A61K45/00, A61K48/00, C07K14/31, C07K16/12,
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/note="reverse primer for human STS sts-T541
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C12N15/00,
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Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
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Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyaqi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8047)

Location/Qualifiers
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Novel prokaryotic polynucleotide, polypeptide and utilization
Thereof.
                                                                                                                                           and Soeda,E.
A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36
Genomics 74 (1), 55-70 (2001)
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/organism='Staphylococcus aureus'

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E33605.1 GI:13027011
JP 1999155586-A/23.
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Eukaryota; Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Kmiec,E.B., Gamper,H.B. and Rice,M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 4375 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
                                                                              Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 265 26-APR-2001; Orchid BioSciences, Inc. (US) Location/Qualifiers
                                                                                                                                                                                                                                                                 Length 19;
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                                                                                                                                                                                                                                                           0.8%; Score 13.4; DB 1;
93.3%; Pred. No. 6.6e+02;
tive 0; Mismatches 1;
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/db_xref="traxon:32630"
/noTe="Primer"
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IMMUSOL, INC. (US)
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                                                              Picoult-Newburg, L. and Pohl, M.
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                             artificial sequences.
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         PAT 24-AUG-2000
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RAMSEY LUKE DOUGLAS (GB); SCOTTISH CROP RESEARCH INST (GB); POWELL WAYNE (GB); WAUGH ROBERT (GB); SWANSTON JOHN STUART (GB); THOMAS WILLIAM THEODORE BLANNE (GB)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Hordeum vulgare
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
Pooideae, Triticeae, Hordeum.
                                                                                                                       Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 93.3%; Pred. No. 6.6e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                        Jupe, E.R. and Resta, R. Diagnostic assay for cancer susceptibility Patent: WO 9924614-A 4 20-MAY-1999; JUPE ELDON R (US); RESTA REGINA (US) Location/Qualifiers
         DNA
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Sequence 285 from Patent W00129262.
AX115162
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19 bp Sequence 4 from Patent WO9924614. AX003869 AX003869.1 GI:9927582
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                                                                                         Homo sapiens (human)
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PAT 23-NOV-2002
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Proteins and nucleic acids encoding same
Patent: WO 02064791-A 137 22-AUG-2002;
Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                  Stanislawski,T., Theobalt,M. and Voss,H.
Polypeptide from a hdm2 protein specific murine g(a)/g(b) t-cell
receptors, nucleic acids coding for the above and use thereof
Patent: W0 02070552-A 10 12-SEP-2002;
Stanislawski, Thomas (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                                              Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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93.3%; Pred. No. 6.6e+02;
tive 0; Mismatches 1;
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93.3%; Pred. No. 6.6e+02;
tive 0; Mismatches 1;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 10 from Patent W002070552.
AX538100

    .19
/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"

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Mus musculus
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                                            17 CATCCTCTATGAGAT
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Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: WO 0192512-A.2707 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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33.3%; Pred. No. 6.6e+02;
ve 0; Mismatches 1; Indels
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Pred. No. 6.6e+02;
0; Mismatches 1; Indels
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             /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:3269"
/noTe="Oligonucleotide"
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/mol_type="unassigned DNA"
/db_xref="texon:32630"
/note="Oligonucleotide"
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AX326569.1 GI:18097333
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AX537792
AX537792.1 GI:25269831
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AX537792/c
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MAM 29-NOV-1996

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

1 (bases 1 to 20)

Erancisco,L.V., Langston,A.A., Mellersh,C.S., Neal,C.L. and
                                                                                                                                                                                                                                                                                                                                                                                                     Ostrander, E.A. A class of highly polymorphic tetranuclectide repeats for canine
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Method for the quantitative determination of DNA sequences
Patent: EP 0461496-A 1 18-DEC-1991;
BEHRINGWERKE Aktiengesellschaft
Location/Qualifiers
                                                                                                                                                                                                                                                        L78639.
L78639.1 GI:1372928
genetic marker; microsatellite; tetranucleotide repeat.
Canis familiaris (dog)
Canis familiaris
                                              Length 19;
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                                           cch 0.8%; Score 13.4; DB 1; al Similarity 93.3%; Pred. No. 6.6e+02; 14; Conservative 0; Mismatches 1;
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0.8%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 1;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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1. .20
/organism="Canis familiaris"
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Mamm. Genome 7 (5), 359-362 (1996)
96269603
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9615"
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/note="2152F"
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                                                               Best Local Similarity
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In Chassified.

E Jube.B.R. Thompson, L.F., Resta, R. and DellGorco, R.T. Diagnostic assay for breast cancer susceptibility

Diagnostic assay for breast cancer susceptibility

Diagnostic assay for breast cancer susceptibility

OKLAHOMA MEDICAL RESEARCH FOUNDATION

OS Unidentified

PN JP 2001503276-A/24

PD 13-MAR-2001

PF 06-NOV-1997 JP 1998521886

PR 07-NOV-1996 US 60/029978

PI ELDON R UUPE, LINDA F THOMPSON, REGINA RESTA, ROBERT T DELL'ORCO
                                                            PAT 31-JAN-2002
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29-JAN-2002
06-NOV-1998 JP 2000519606
6-NOV-1997 US 60/064880
ELDON R JUBE,LINDA F THOMPSON, REGINA RESTA, ROBERT T DELL'ORCO
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1 (bases 1 to 19)

Jupe, E. R., Thompson, L. F., Resta, R. and DellGorco, R. T.

Diagnostic assay of cancer morbidity
Patent: 1P 2002502584-A 4 29-JAN-2002,

OKLAHOMA, MEDICAR, RESERSHER FUNDATION

S. Homo sapiens (human)
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                                                            BD008806 19 bp DNA linear Diagnostic assay for breast cancer susceptibility.
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BD131683
BD131683.
GI:23226628
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2001503276-A/24.
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Homo sapiens (human)
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Gaps

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PAT 27-APR-1994

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synthetic construct
artificial sequences.
1 (bases 1 to 20)
Cerutti,P.A., Felley-Bosco,E., Sandy,M., Amstad,P., Zijlstra,J. and
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synthetic construct
artificial sequences.

( Dasse 1 to 20)
Cerutti, P.A., Felley-Bosco, E., Sandy, M., Amstad, P., Zijlstra, J. and Pourzand, C.
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                                                                                                                                     Pourzand, C.
Method for the quantitative determination of DNA sequences
Patent: EP 0461456-A 19 18-DEC-1991;
BEHRINGWERKE Aktiengesellschaft
Location/Qualifiers
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Patent: EP 0461496-A 20 18-DEC-1991;
BEHRINGWERKE Aktiengesellschaft
Location/Qualifiers
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Unclassified.
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Ni hases I to 20)
Ni shikura, K.
RNA editing enzyme and methods of use thereof
Patent: US 5763174-A 49 09-JUN-1998;
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93.3%; Pred. No. 7.1e+02;
Live 0; Mismatches 1;
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Pred. No. 7.1e+02;
0; Mismatches 1;
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Cerutti,P.A., Felley-Bosco,E., Sandy,M., Amstad,P., Zijlstra,J. and
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Cerutti, P.A., Felley-Bosco, E., Sandy, M., Amstad, P., Zijlstra, J. and
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Mothod for the quantitative determination of DNA sequences
Patent: EP 0461496-A 6 18-DEC-1991;
BEHRINGWERKE Aktiengesellschaft
Location/Qualifiers
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93.3%; Pred. No. 7.1e+02;
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93.3%; Pred. No. 7.1e+02;
ative 0; Mismatches 1;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Matches 14; Conservative
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                                                         Wuknown.
Unknown.
Unknown.

E 1 (bases 1 to 20)

S First, W.Kent. and Agoulnik, A.I.

Male infertility Y-deletion detection battery

AL Patent: US 5783390-A 60 21-JUL-1998;

Location/Qualifiers

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 20)
First, M.Kent. and Agoulnik, A.I.
Male infertility Y-deletion detection battery
Patent: US 5783390-A 85 21-UUL-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 20)
First, M. Kent. and Muallem, A.
Male infertility Y-deletion detection battery
Patent: US 5840549-A 16 24-NOV-1998;
                                                                                                                                                                                                     Score 13.4; DB 1;
Pred. No. 7.1e+02;
); Mismatches 1;
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Pred. No. 7.1e+02;
0; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                                       20 bp 1
AR019195
AR019195.1 GI:3974309
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/organism="unknown"
/mol_type="unassigned DNA"
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AR060250
AR060250.1 GI:5986700
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/organism="unknown"
/mol_type="unassigned DNA"
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     Sequence 60 from patent
                  AR019170
AR019170.1 GI:3974284
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                                                                                                                                                                                                       0.8%;
                                                                                                                                                                                                                                                       18 ATGGACAGGAATGCA 32
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                                                                                                                                                                                                                                                                              19 ATGGAAAGGAATGCA 5
                                                                                                                                                                                                                               14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                    Unknown.
Unclassified.
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Best Local Similarity
Matches 14; Conserv
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Best Local Similarity
Matches 14; Conserv
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AR060250/c
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                                                                 ORGANISM
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Pred. No. 7.1e+02;
0; Mismatches 1; Indels
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Pred. No. 7.1e+02;
0; Mismatches 1; Indels
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                                                               Length
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First, M.Kent., Agoulnik, A.I. and Muallem, A.
Male infertility y-deletion detection battery
Patent: US 5776682-A 85 07-JUL-1998;
                                                           Query Match

O.8%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 1;
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                        /organism="unknown"
/mol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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Sequence 85 from patent US 5776682.
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Sequence 60 from patent US 5776682.
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  Location/Qualifiers
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AR016172.1 GI:3972449
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AR016197.1 GI:3972474
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l Similarity 93.3%;
14; Conservative
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Best Local Similarity 93.3
Matches 14; Conservative
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Unclassified.
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Best Local Similarity
Matches 14; Conserv
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AR019170/c
LOCUS
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AR016172/c
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ACCESSION
VERSION
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KEYWORDS
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LOCUS
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PAT 17-0CT-2001
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Norberg, L. Torbjorn., Andersson, M. Kristina. and
Lindstron, P. Harry. Rutger.
Methods for assessing cardiovascular status and compositions for use thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        detection of Salmonella
Unknown.
Unclassified.
1 (bases 1 to 20)
Popoff, I. Brown-Driver, V.L. and Cowsert, L.M.
Antisense inhibition of e2f transcription factor 1 expression
Patent: US 6187587-A 65 13-FBB-2001;
                                                                                                                                                                                                        Gaps
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                                                                                                                                                                       Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 20;
                                                                                                                                                                       Query Match 0.8%; Score 13.4; DB 1; Length 2
Best Local Similarity 93.3%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                  linear
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93.3%; Pred. No. 7.1e+02;
ative 0; Mismatches 1;
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Unclassified.
(Inclass 1 to 20)
Tsen,H.-Y. and Lin,J.-S.
PCR primers for the rapid and specific typhimurium
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Location/Qualifiers
1. .20
/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 1 from patent US 6251607.
AR159690
AR159690.1 GI:16222443
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Location/Qualifiers
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Best Local Similarity 93.33
Matches 14; Conservative
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AR159690/c
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   ORGANISM
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                  Gaps
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Monia, B.P., Gaarde, W.A., Nero, P.S. and McKay, R.
Antisense modulation of P38 mitogen activated protein kinase
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                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.8%; Score 13.4; DB 1; Length 20; Best Local Similarity 93.3%; Pred. No. 7.1e+02; Matches 14; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                           linear
                  Indels
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1 (bases 1 to 20)
First, W. Kent. and Muallem, A.
Pale infertility Y-deletion detection battery
Patent: US 5840549-A 37 24-NOV-1998;
Location/Qualifiers
   Pred. No. 7.1e+02;
0; Mismatches 1;
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Patent: US 6140124~A 65 31-OCT-2000;
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Sequence 65 from patent US 6187587.
                                                                                                                                                   Sequence 37 from patent US 5840549.
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Sequence 65 from patent US 6140124.
AR117573.1 GI:14098479
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1. 20
/organism="unknown"
/mol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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AR130162.1 GI:14118059
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 93.3%;
                                                18 ATGGACAGGAATGCA 32
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                  14; Conservative
                                                                       19 ATGGAAAGGAATGCA
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AR130162
LOCUS
DEFINITION
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AR117573/c
LOCUS
DEFINITION 3
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ORGANISM
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source

JOURNAL

ORGANISM

SOURCE

REFERENCE AUTHORS

TITLE

ACCESSION VERSION KEYWORDS

ACCESSION VERSION KEYWORDS

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JOURNAL FEATURES

AUTHORS TITLE

REFERENCE

RESULT 1037

AR060271

Matches

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KEYWORDS

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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi, Manmalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

I (bases 1 to 20)

Salibert, F. and Andre, C.

Total genome radiation hybrid map of canine genome and its use for identification of interesting genes

AL PETERIA DE LA RECHERCHE SCIENTIFIQUE
OS Canis familiaris (dog)

PN JP 2002230091-A/675

PN JP 2002230091-A/675

PN JP 2002230091-A/675

PR 13-NOV-1999 JP 2000582596

PR 13-NOV-1999 US 60/108159

PR 13-NOV-1999 US 60/108159

PR 13-NOV-1999 US 60/108150

PC CIZNIS/00
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                                                                                                    BD230806 20 bp DNA linear PAT 17-JUL-2003 Total genome radiation hybrid map of canine genome and its use for identification of interesting genes.
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synthetic construct
artificial sequences.

1 (bases to 20)
Norberg, L. T., Andersson, M.K., Lindstrom, P.H.R. and Jonsson, L.
Genes for assessing cardiovascular status and compositions for use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OS Artificial Sequence
PN JP 2002527079-A/36
PD 27-AUG-2002
PF 13-OCT-1999 JP 2000576056
PR 14-OCT-1999 US 60/104286,14-OCT-1999 US 60/104302 PI
LEIF TORBJORN NORBERG, MARIA KRISTINA ANDERSSON, PER HARRY PI
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PAIROSEAKENSINGU AB
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/organism="Canis familiaris"
/mol_type="genomic DNA"
/db_xref="taxon:9615"
                                                                                                                                                               BD230806.1 GI:33040576
JP 2002530091-A/675.
Canis familiaris (dog)
Canis familiaris
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JP 2002527079-A/36.
1637 GGCAGCGCTGGAGG 1651
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  718 GAACATGAAGAGGGG 732
                  GGCAGAGGCTGGAGG 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                16 GAGCATGAAGAGGGG 2
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Matches 14; Conserv
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BD231272
LOCUS
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BD230806/c
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                                                                                                                                                                                                                      Unclassified.

1 (bases 1 to 20)
Sakurada,K., Palmer,T. and Gage,F.H.
Regulation of tyrosine hydroxylase expression
Patent: US 6312949-A 40 06-NOV-2001;
Location/Qualifiers
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/organism="Canis familiaris"
                                                                                                                 20 bp 1
Sequence 40 from patent US 6312949.
AR177700
                                                                                                                                                                                                                                                                                                                               /organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /mol_type="genomic DNA"
/db_xref="taxon:9615"
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Canis familiaris (dog)
Canis familiaris
            1237 CACTICATCTICGGT 1251
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                           Unknown.
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AR177700/c
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KEYWORDS
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ORGANISM
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JOURNAL
FEATURES
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VERSION
KEYWORDS
SOURCE
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TITLE
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PAT 31-JAN-2002
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PC (C12N1/21,C12R1:19), (C12P21/02,C12R1:19),C12N15/00, (C12N15/00,
CC (C12R1:19)
CC T2R1:19)
Location/Qualifiers
FT source Location/Qualifiers
FT FT FOUR LOCATION/Outlificial Sequence'.
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PI KEN ISHICKA,KOHEI ONISHI,TAKAO MATSUBA,SHIGBAKI HARAYAWA PC
C12N15/09,C07K14/245,C12N1/21,C12P21/02,G01N33/569//(C12N15/09, PC
                                                                                                                                                                                                                                                                                                                   HIROSHI TAKAHISA, NAOKI YAMAMOTO, TORU KIMURA, KAZUYUKI TAKAI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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Location/Qualifiers
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0
                  E29924.1 GI:13021319
70 1992292785-A/78.
unidentified
unidentified
unclassified.1 (bases it to 20)
Hiroshi,T., Naoki,Y., Toru,K., Kazuyuki,T. and Akira,W.
Patent: JP 1999292795-A 78 26-OCT-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  E50954.1 GI:18622154
JP 2000279176-A/11.
Synthetic construct
M synthetic construct
artificial sequences.
1 (bases 1 to 20)
1 Ishioka,K., Onishi,K., Matsuba,T. and Harayama,S.
Process for preparing Escherichia coli H antigen
Patent: JP 2000279176-A 11 10-OCT-2000;
N Artificial Sequence
PN JP 2000279176-A/11.
PP 31-MAR-1999 JP 1999092890
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.8%; Score 13.4; DB 1; Length 20; 93.3%; Pred. No. 7.1e+02; tive 0; Mismatches 1; Indels
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Process for preparing Escherichia coli H antigen.
E50954

    .20
    /organism='Unidentified'.

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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                      1. .20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                          02-APR-1998 JP 1998125452
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                                                                                                                                                                                                                  Unidentified
JP 1999292795-A/78
26-0CT-1999
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Best Local Similarity 93.34
Matches 14; Conservative
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E50954
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TITLE
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  ACCESSION
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BRETT P MONIA, WILLIAM A GAARDE, PAMELA S NERO, ROBERT MCKAY, IAN
                      Genes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      C12N15/09, A61K31/711, A61P19/02, A61P29/00, A61P29/00, A61P37/06,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CI2NS/10,C12N9/99,C12NIS/00,C12NS/00
Antisense modulation of p38 mitogen activated protein kinase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Synthetic construct
artificial sequences.

E 1 (Jases 1 to 20)
S Monia.B.P. Gaarde, W.A., Nero, P.S., Mckay, R. and Popoff, I.
Antisense modulation of p38 mitogen activated protein kinase
I. SIS PHARMACEUTICALS INC
OS Artificial Sequence
PD 03-DEC-2002
PD 03-DEC-2002
PD 03-DEC-2002
PD 03-DEC-2002
PD 03-DEC-2002
PD 04-APR-1999 US 09/286904
PI BRETT P MONIA, WILLIAM A GAARDE, PAMELA S NERO, ROBERT MCKAY, II
POPOFF
PC C12N1S/09, A61K31/711, A61P19/02, A61P29/00, A61P37/06
PC C12N1S/09, A61K31/711, A61P19/02, A61P29/00, A61P37/06
PC C12N1S/10, C12N9/99, C12N1S/00
CC Antisense modulation of p38 mitogen activated protein kinase
CC Antisense modulation of p38 mitogen activated protein kinase
FT source
II . 20
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Antisense modulation of p38 mitogen activated protein kinase
                C12Q1/68,C12N15/09//G01N33/53,G01N33/566,C12N15/00 CC assessing cardiovascular status compositions for
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Location/Qualifiers
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Location/Qualifiers
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                                                                                                                                                                                                                                                                      Query Match 0.8%; Score 13.4; DB 1; Length 20; Best Local Similarity 93.3%; Pred. No. 7.1e+02; Matches 14; Conservative 0; Mismatches 1; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                            Location/Qualifiers
                                                                                                                                                                                            /organism="synthetic construct'/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                           use thereof
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JP 2002540781-A/61.
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  LENA JONSSON
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Best Local Similarity
Matches 14; Conserv
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JOURNAL
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Sequence 6 from patent US 6337182.
AR182022
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ARI82024.1 GI:20224940
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Best Local Similarity 93.3
Matches 14; Conservative
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Best Local Similarity
Matches 14; Conserv
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                 Gaps
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                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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1 (bases 1 to 20)
MacDonald.M.E., Ambrose,C.M., Duyao,M.P. and Gusella,J.F. Huntingtin DW, protein and uses thereof
Patent: US 5693757-A 25 02-DEC-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                      and Gusella, J.F.
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                Indels
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93.3%; Pred. No. 7.1e+02; ive 0; Mismatches 1;
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1 (bases 1 to 20)

MacDonald.M.E., Ambrose, C.M., Duyao, M.P., Huntingtin DNA, protein and uses thereof Patent: US 5686288-A 25 11-NOV-1997;
Location/Qualifiers
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Sequence 25 from patent US 5693757.
I78528
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 1 from patent US 6337182.
AR182017
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                                       1564 ATGCCTGACTCAGGC 1578
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I73398.1 GI:3009539
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Best Local Similarity 93.3
Matches 14; Conservative
 l Similarity 93.3
14; Conservative
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I73398
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I78528
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ACCESSION
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KEYWORDS
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AR182017
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ORGANISM
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VERSION
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JOURNAL
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AUTHORS
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Unclassified.

1 (bases 1 to 20)
Cenutti.P.A., Felley-Bosco,E., Sandy,M., Amstad,P., Zijlstra,J. and Pourzand,C.
Meursand,C.
Method for the quantitative determination of DNA sequences
Patent: US 6337182-A 1 09-JAN-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unknown.
Unclassified.
1 (bases 1 to 20)
Cerutti,P.A., Felley-Bosco,E., Sandy,M., Amstad,P., Zijlstra,J. and
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Cerutti, P.A., Felley-Bosco, E., Sandy, M., Amstad, P., Zijlstra, J. and Pourzand, C.
Method for the quantitative determination of DNA sequences
Patent: US 6337182-A 8 08-JAN-2002;
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Method for the quantitative determination of DNA sequences

Patent: US 6337182-A 6 08-JAN-2002,

Location/Qualifiers
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0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels
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PAT 29-JAN-2003
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    Antisense modulation of p38 mitogen activated protein kinase
                                                                                                                                                                                                                                                                                                                                                  Unknown.
Unclassified.
Unclassified.
I (bases 1 to 20)
Aithan, T.J., Scott, J. and Stanton, L.W.
Compositions and methods of disease diagnosis and therapy
Patent: US 6322976-A 157 27-NOV-2001;
Location/Qualifiers
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Watt,A.T.
Watt,A.T.
Patent: US 6492170-A 106 10-DEC-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.8%; Score 13.4; DB 1;
93.3%; Pred. No. 7.1e+02;
ttive 0; Mismatches 1;
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93.3%; Pred. No. 7.1e+02;
tive 0; Mismatches 1;
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Sequence 157 from patent US 6322976.
AR261678.1 GI:28072756
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Sequence 106 from patent US 6492170.
AR265925. GI:29694771
                                 10-SEP-2002;
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/organism="unknown"
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/mol_type="genomic DNA"
          Antic...
expression
Patent: US 6448079-A 65 10-SF
Location/Qualifiers
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Best Local Similarity 93.33
Matches 14; Conservative
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Matches 14; Conservative
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AR265925
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ACCESSION
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ORGANISM
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JOURNAL
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FEATURES
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Baker, B.F. and Freier, S.M.
Antisense modulation of interleukin 12 p35 subunit expression
Patent: US 6399379-A 44 04-JUN-2002;
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Unclassified.
1 (bases 1 to 20)
Monia, B.P., Gaarde, W.A., Nero, P. and McKay, R.
                                                                                                                                                                                                                                                                                                                                      0.8%; Score 13.4; DB 1;
93.3%; Pred. No. 7.1e+02;
ttive 0; Mismatches 1;
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Bennett, C.Frank. and Cowsert, L.M.
Antiense modulation of talin expression
Patent: US 6372492-A 26 16-APR-2002;
                                                                                                  DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 44 from patent US 6399379.
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/organism="unknown"
/mol_type="unassigned DNA"
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AR228858
AR228858.1 GI:27267997
                                                                                             Sequence 26 from patent US 6372492.
AR207132
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/mol_type="unassigned DNA"
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970 CTACACCGAGACCTC 984
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                        5 CTACAGCGAGACCTC 19
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Best Local Similarity 93.3:
Matches 14; Conservative
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AR207132
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NORBERG LEIF TORBJÖRN (SE) ; OLAISSON ERIK (SE) ; JONSSON LENA (SE) ; GEMINI GENOMICS AB (SE) ; LINDSTROM PER HARRY RUTGER (SE) ; SANDERS RHIANNON (SE)
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Antisense modulation of caspase 6 expression
Patent: US 6566135-A 53 20-MAY-2003;
Location/Qualifiers
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0.8%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 1;
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Outline 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 1;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="texon:32630"
/note="Oligonucleotide primer"
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Sequence 53 from patent US 6566135.
AR337128
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Sequence 36 from Patent WO0056922.
AX037411
                                                        /mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
          Location/Qualifiers
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1 (bases 1 to 20)
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1 (bases 1 to 20)

Griffals, R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A., Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 6559294-A 2555 06-MAY-2003;
Location/Qualifiers
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Griffais, R., Hoiseth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,
Sankaran, B. and Fletcher, L.D.
Chlamydia pneumoniae polymuclectides and uses thereof
Patent: US 6559294-A 5490 06-MAY-2003;
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                                                                                                                                                      1 (bases 1 to 20)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelle markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 6537751-A 7236 25-MAR-2003;
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93.3%; Pred. No. 7.1e+02;
Live 0; Mismatches 1; Indels
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                          Sequence 7238 from patent US 6537751.
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Seguence 2555 from patent US 6559294.
AR312018
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/organism="unknown"
/mol_type="genomic DNA"
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AR314953.1 GI:31708379
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RESULT 1059
AR295503/c
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AR312018
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Bergeron, M.G., Boissinot, M., Huletsky, A., m Nard, C., Ouellette, M., Pidard, F.J. and Roy, P.H.
Highly conserved genes and their use to generate probes and primers for detection of microorganisms
Patent: WO 0123604-A 804 05-APR-2001;
Infectio Diagnostic (I.D.) INC. (CA)
Location/Qualifiers
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Transcription factor stress-related proteins and methods of use in
plants
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Infectious retroviruses from a leukemic dog cell line with
extensive homologies to murine leukemia viruses
Patent: EP 1061129-A 15 20-DEC-2000;
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Location/Qualifiers
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93.3%; Pred. No. 7.1e+02;
ive 0; Mismatches 1;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Oligonucleotide"
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Sequence 46 from Patent WO0145493.
AX180995
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Determination of adrenomedullin-binding proteins
Patent: WO 0118550-A 4 15-MAR-2001,
THE SECRETAXY OF THE DEPRAYMENT OF HEALTH AND HUMAN SERVICES (US)
LOCATION/Qualifiers
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Infectious retroviruses from a leukemic dog cell line with
extensive homologies to murine leukemia viruses
Patent: WO 0070024-A. 15.23-NOV-2000;
Etablissement Francais du Sang (FR)
Location/Qualifiers
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93.3%; Pred. No. 7.1e+02;
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/noTe="primer"
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 15 from Patent WO0070024.
AX076814
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Sequence 4 from Patent W00118550.
AX093458
AX093458.1 GI:13509903
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Protein kinase stress-related proteins and methods of use in plants Patent: WO 0145492-A 24 28-JUN-2001; BASF Plant Science GmbH (DE)
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Pyrophosphatase stress-related proteins and methods of use in
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 Query Match 0.8%; Score 13.4; DB 1; Length 20; Best Local Similarity 93.3%; Pred. No. 7.1e+02; Matches 14; Conservative 0; Mismatches 1; Indels
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    /db xref="taxon:32630"
    /noTe="Primer"

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/nofe="Primer"
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Patent: WO 0145494-A 9 28-JUN-2001;
BASF Plant Science GmbH (DE)
Location/Qualifiers
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Sequence 24 from Patent WO0145492.
AX223944
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Regulatory sequence for the specific expression in dendritic cells and uses thereof
Patent: WO 0.51631-A 64 19-JUL-2001;
Reske-Kunz, Angelika (DE); Ross, Xiaolan (DE); Ross, Ralf (DE);
Bros, Matchias (DE)
Location/Qualifiers
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Transcription factor stress-related proteins and methods of use in
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Pred. No. 7.1e+02;
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Patent: WO 0145493-A 53 28-JUN-2001,
BASF Plant Science GmbH (DE)
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Patent: WO 0145493-A 46 28-JUN-2001;
BASF Plant Science GmbH (DE)
Location/Qualifiers
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Best Local Similarity 93.3%; Pred. No. 7.1e
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Sequence 64 from Patent WO0151631.
AX195360
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Sequence 53 from Patent W00145493.
AX181002.1 GI:15132785
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Alternative pol k nucleotide and amino acid sequence and methods
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Patent: WO 0244403-A 46 06-JUN-2002;
McGILL UNIVERSITY (CA)
Bukaryota, Fungi, Ascomycota, Saccharomycotina, Saccharomycetes,
Saccharomycetales, mitosporic Saccharomycetales, Candida.
                                            Roemer,T., Jiang,B., Boone,C., Bussey,H. and Ohlsen,K.L. Gene disruption methodologies for drug target discovery Patent: WO 02053728-A 5512 11-JUL-2002; Elitra Pharmaceuticals, Inc. (US)
                                                                                                                                                                                                             0.8%; Score 13.4; DB 1; Length 20; 93.3%; Pred. No. 7.1e+02; ative 0; Mismatches 1; Indels
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/organism="synthetic construct"
/organism="synthetic donstruct"
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/db xref="taxon:32630"
/noCe="Primer ON-DinB1-F3"
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93.3%; Pred. No. 7.1e+02;
tive 0; Mismatches 1;
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/organism="synthetic construct"
/wol_type="unassigned DNA"
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/organism="Candida albicans"
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/db_xref="taxon:5476"
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Patent: WO 0246378-A 93 13-JUN-2002;
Saus, Juan (ES)
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Sequence 93 from Patent W00246378.
AX505061
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Sequence 46 from Patent WO0244403.
AX554359
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Best Local Similarity 93.38
Matches 14; Conservative
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Matches 14; Conservative
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                                                                                                                                                                                                 Barany, F., Zirvi, M., Gerry, N. P., Favis, R. and Kliman, R. Method of designing addressable array for detection of mucleic acid sequence differences using ligase detection reaction Patent: WO 0179548-A 8901 25-OCT-2001; CORNELL RESEARCH FOUNDATION, INC. (US)
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Tnf-inducible promoters and methods for using Patent: WO 0246433-A 93 13-JUN-2002;
Saus, Juan (ES)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                   /organism="synthetic construct"
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/db Xref="taxon:32630"
/note="Hypochetical Probe Sequence"
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                                                     AX297139 20 bp DN Sequence 8901 from Patent WO0179548. AX297139
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Sequence 93 from Patent WO0246433.
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AX477641.1 GI:22216821
                                                                                                      AX297139.1 GI:17058830
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Candida albicans
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AX488332
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AX297139/c
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PAT 27-NOV-2002

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GOIN33/15,
GOIN33/50//C12P21/08,(C12N5/10,C12R1:91),(C12P21/02,C12R1:91)
Description of Artificial Sequence:an artificially synthesized
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PC A01K67/027, A61K31/713, A61K45/00, A61K48/00, A61P17/00, A61P37/08,

PC G01N33/15, C12P21/08, (C12N5/10, C12R1:91), (C12P21/02, C12R1:91)

CC Description of Artificial Sequence:an artificially synthesized
                                                                                                                                                                 HIROHISA SAITO
C12N15/09, C12N5/10, C07K14/47, C07K16/18, C12P21/02, C12Q1/02,
SUGITA, RYOLCHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, TAKESHI NAGASU, HIROHISA SAITO
S Artificial Sequence
PN W0 022692-A/18
PD 04-APR-2002
PF 21-SEP-2001 W0 2001JP008247
PR 26-SEP-2000 JP 00P 293021
PR 26-SEP-2000 JP 00P 293021
PR YUJI SUGITA, RYOLCHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, TAKESHI NAGASU,
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Male infertility Y-deletion detection battery FH
Location/Qualifiers
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unidentified
unidentified
unclassified.
1 (Dases 1 to 20)
First, M.K. and Muallem, A.
Male infertility Y-deletion detection battery
Promeda CORP
OS Unidentified
PN 09-APR-2002;
PR 04-DEC-1997 JF 1998525914
PR 04-DEC-1996 US 08/753979
PR 04-DEC-1996 US 08/753979
PR 04-DEC-1996 US 08/753979
PR 04-DEC-1996 US 08/753979
PR C1201/68
CC Strandedness: Single;
CC TOPOlogy: Linear;
CC Male infertility Y-deletion detection batter
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Male infertility Y-deletion detection battery.
BD195403
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Pred. No. 7.1e+02;
); Mismatches 1;
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/mol_type="genomic DNA"
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93.3%; Pred
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Best Local Similarity 93.3%
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Patents: Wo 0226862-A 18 04-PR-2002,
GENOX RESERCH INC, JABAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, MASAKAZU ADACHI,KAZUO MIYANAGA YUJI
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                                                                                                                                                                                                                                                                                                                                                                                        artificial sequences.

I (bases 1 to 20)

Norberg,L.T., Andersson,M.K. and Lindstrom,P.H.R.
Methods for assessing cardiovascular status and compositions for use thereof
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PF 01-APR-1998 UP 1998542530
PR 04-APR-1997 US 60/042930
PI LEIF TORBUORN NORBERG, MARIA KRISTINA ANDERSSON, PER HARRY
RUTGER LINDSTROM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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WO 0226962-A/18.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 20)
Sugita,Y., Hashida,R., Ogawa,K., Fujishima,T., Nagasu,T. and
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Description of Artificial Sequence: PCR
Location/Qualifiers
                                                              ch 0.8%; Score 13.4; DB 1; 1 Similarity 93.3%; Pred. No. 7.1e+02; 14; Conservative 0; Mismatches 1;
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/organism="synthetic construct"
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EURONA MEDICAL AB
OS Artificial Sequence
PN JP 2001519660-A/36
PD 23-OCT-2001
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Method of examining allergic disease.
BD167919
              /db xref="taxon:32630"
/note="primer"
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JP 2001519660-A/36.
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                                                                                                                                       766 CTCAAGGACCTCAAA 780
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synthetic construct
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Best Local Similarity
Matches 14; Conserv
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VERSION
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TITLE
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Gaps

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PAT 17-JUL-2003

linear

Key

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Gaps

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20;

STS 11-APR-1996

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Original source text: Canis familiaris DNA.

Gene-specific universal mammalian sequence-tagged site for TCRB.

Primer for the 3' end is in exon 3. Human product is 300 bp. Canine product is 260 bp.

PCR conditions: 1 min, 94 C, 2 min,57 C, 3 min, 72 C, 35 cycles.

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       177399.1 GI:1261776
STS; PCR identification; PCR primer; T-cell receptor beta; sequence
tagged site; universal mammalian STS.
Canis familiaris (dog)
Canis familiaris
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 20)
Venta, P.J., Brouillette, J.A., Yuzbasiyan-Gurkan, V. and Brewer, G.J.
Gene-specific universal mammalian sequence-tagged sites:
application to the canine genome
Unpublished (1996)
                                                                                                                                                                                                                                                                                                                                                                                            DOGTCRBB 20 bp DNA linear STS 11-APR-
Canis familiaris T-cell receptor beta (TCRB) STS DNA, 3'primer,
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D.melanogaster (nLA249) Adh gene, intragenic deletion.
X78386
X78386.
G1:483469
alcohol dehydrogenase; intragenic deletion.
Drosophila melanogaster (fruit fly)
Drosophila melanogaster (Arut fly)
Braxyota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota; Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha; Ephydroidea; Drosophilade; Drosophila.
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                                                                                                                                                                                      Score 13.4; DB 1;
Pred. No. 7.1e+02;
0; Mismatches 1;
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    .20
    /note="PCR primer binding site"

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/organism="Canis familiaris"
/organism="genomic DNA"
/db_xref="taxon:9615"
1..20
/note="PCR primer binding site"
/evidence=experimental
                       L. .20
/organism="Canis familiaris"
                                                 /mol_type="genomic DNA"
/db_xref="taxon:9615"
11...20
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Location/Qualifiers
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ilarity 93.3%;
Conservative (
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DMNLA249
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Gene-specific universal mammalian sequence-tagged site for HOX7.

Primer for the 3' end is in exon 2. Human product is 151 bp. Canine product is 151 bp. PCR conditions: 1 min, 94 C, 2 min, 57 C, 3 min, 72 C, 35 cycles.
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Venta, P.J., Brouillette, J.A., Yuzbasiyan-Gurkan, V. and Brewer, G.J.
Gene-specific universal mammalian sequence-tagged sites:
application to the canine genome
Unpublished (1996)
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Mammalia, Butheria, Carnivora, Fissipedia, Canidae, Canis.
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177371.1 G1:1261709
STS; Homeobox 7; PCR identification; PCR primer; sequence tagged
site; universal mammalian STS.
Canis familiaris (dog)
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STS DNA, 3' primer, sequence
       Gaps
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Strandedness: Single;
Tropology: Linear;
Male infertility Y-deletion detection battery FH
Location/Qualifiers
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Lass 1 to 20)
First,M.K. and Muallem,A.
AITLE
Male infertility Y-deletion detection battery
PROMEGA CORP
COMMENT DP 2002510962-A 37 09-APR-2002;
PROMEGA CORP
COMMENT DP 2002510962-A/37
PD 09-APR-2002
PP 04-DEC-1996 US
PR 04-DEC-1997 JP PP
CC Strander
CC Tor
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       Indels
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       Mismatches
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/organism="unidentified"
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/db_xref="taxon:32644"
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tagged site.
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                                               18 ATGGACAGGAATGCA 32
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Best Local Similarity 93.35
                                                                                 19 ATGGAAAGGAATGCA
           Conservative
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           14;
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COMMENT
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PAT 08-SEP-2000

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Length 18;
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                                                  Score 13.2; DB 1;
Pred. No. 6.7e+02;
0; Mismatches 3;
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83.3%; Pred. No. 6.7e+02;
ative 0; Mismatches 3;
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83.3%; Pred. No. 6.7e+02;
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Monia,B.P. and Cowsert,L.M.
Antisense inhibition of EGR-1 expression
Patent: US 6008048-A 31 28-DEC-1999;
Location/Qualifiers
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DEFINITION Sequence 112 from patent US 6140081.
                                                                                                                                                                                                                                                                                                                  Unclassified.

1 (bases 1 to 18)

Baker,B.F. and Cowsert,L.M.

Antisense inhibition of TNFR1 express
Patent: US 6007995-A 70 28-DEC-1999;
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 31 from patent US 6008048.
AR096647
                                                                               0; Mismatches
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Sequence 70 from patent US 6007995.
AR096399
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/mol_type="unassigned DNA"
          /organism="unknown"
/mol_type="unassigned DNA"
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                                                                                                            953 GCCACCGGCAGAAGGTGC 970
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ilarity 83.3%;
Conservative
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Unclassified.
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Best Local Similarity
Matches 15; Conserv
                                                     Query Match
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Matches 15; Conserv
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Best Local Simi
Matches 15;
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source
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Gewirtz,A.M. and Calabretta,B.
Antisense of oligonucleotides to c-kit proto-oncogene and in vitro methods
                                                                                                                                                                                                                                                                                                                         0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                          PAT 31-AUG-2000
 1 (bases 1 to 18)
Jang, J.C., Lee, W.R., Chang, S.H. and Silverman, H.
Mechanisms for dominance: Adh heterodimer formation in
heterozygotes between ENU or X-ray induced null alleles and normal
alleles in Drosophila melanogaster
Environ. Mol. Mutagen. 20 (4), 260-270 (1992)
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/organism="Drosophila melanogaster"
/mol Lype="genomic DNA"
db xxref="taxon:7227"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.8%; Score 13.2; DB 1;
83.3%; Pred. No. 6.7e+02;
tive 0; Mismatches 3;
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Baker, B.F. and Cowsert, L.M.
Antisense modulation of fan expression
Patent: US 5962671-A 22 05-OCT-1999;
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Location/Qualifiers
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Sequence 15 from patent US 5989849.
AR088252
AR088252.1 GI:10015015
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/organism="unknown"
/wol_type="unassigned DNA"
                                                                                                                                                                                                                          /gene="Adh"
/note="intragenic deletion
nLA249"
                                                                                                                                                                                                                                                                                                                                                                                                                                                          AR078549 18 bp Sequence 22 from patent US 5962671.
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Best Local Similarity 83.3
Matches 15; Conservative
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Unclassified.
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Best Local Similarity
Matches 15; Conserv
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PAT 17-JUL-2003
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PN JP 2002526115-A/9
PD 20-AUG-2002
PP 07-OCT-1999 JP 2000574702
PF 07-OCT-1999 US 60/103418,16-AUG-1999 US 09/374958 PI
HERMANN OPPERMANN, MEI SHENG TAI, JOHN MCCAETNEY PC
C12N15/09,A61K38/22,A61P43/00,C07K14/495,C07K19/00,C12P21/02// PC
                                                                                                                                                                                                                                                                                                                                                  OS Artificial Sequence
EN 202525115-A/9
ED 20-AUG-2002
EP 07-CCT-1999 JP 2000574702
EP 07-CCT-1999 US 60/103418,16-AUG-1999 US 09/374958 PI
HERMANN OPPERMANN, MEI SHENG TAI JOHN MCCARTNEY PC
C12N15/09,A61K38/22,A61P43/00,C07K14/495,C07K19/00,C12P21/02// PC
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Description of Artificial Sequence: Primer #4 FH
Location/Qualifiers
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BD234487
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Chimeric protein between TGF-beta superfamilies.
BD234486
              Indels
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synthetic construct
artificial sequences.

1 (Asses 1 to 18)
Oppermann, H., Tai, M.S. and Mccartney, J.
Chimeric protein between TGF-beta superfamilies
Patent: JP 2002526115-A 9 20-AUG-2002;
STRYKER CORP
                                                                                                                                                                                                                                                                 artificial sequences.

1 (bases 1 to 18)
Oppermann, H., Tal, M.S. and Mccartney, J.
Chimeric protein between TGF-beta superfamilies
Patent: JP 2002526115-A 8 20-AUG-2002;
STRYKER CORP
Pred. No. 6.7e+02;
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/organism="synthetic construct"
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/db_xref="taxon:32630"
                                              991 CAGAACCIGCICATCAAC 1008
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JP 2002526115-A/8.
synthetic construct
synthetic construct
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Best Local Similarity 83.3%;
Matches 15; Conservative
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Matches 15; Conser
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BD234486/c
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Barany, F., Luo, J., Khanna, M. and Bergstrom, D.E.
High fidelity detection of nucleic acid differences by ligase detection reaction.
Patent: US 6312892-A 78 06-NOV-2001;
                                                                                                                                                                                                                                                                      Gaps
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llarity 83.3%; Pred. No. 6.7e+02;
Conservative 0; Mismatches 3; Indels
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Pred. No. 6.7e+02;
0; Mismatches 3;
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Draper.K.G., Kisner,D.L., Anderson,K.P.
Composition and method for treatment of
Patent: US 6153595-A 36 28-NOV-2000;
Location/Qualifiers
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                                                                                         Theres I to 18)
Barbas C.F.
Zinc finger binding domains for GNN
Patent: US 6140081-A 112 31-OCT-2000;
Location/Qualifiers
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AR176635.1 GI:17918990
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/wol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 36 from patent US 6153595. AR120032. GI:14102731
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/mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                    1094 CACTGTGGTACCGGCCCC 1111
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                  GI:14098094
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Best Local Similarity 83.3%;
Matches 15; Conservative
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Matches 15; Conserv
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   AR117188
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Cl2N15/700,
Cl2N5/700,A61K37/702
C Description of Artificial Sequence: complement of Primer #4 FH
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                                                                                                                                                                                                                                                                                                                                                        Patent: JP 2002526111-A 8 20-AUG-2002;
STRYKER CORP
SO Artificial Sequence
N JP 2002526111-A/8
D 20-AUG-2002
PD 20-AUG-2002
PD 0-AUG-2002
PP 07-OCT-1999 US 09/374936 PI
HERMAN OPPERNAN/MEI SHENG TAI, JOHN MCCARTNEY PC
C12N15/09, A61K38/00, A61P1/02, A61P1/16, A61P1/90, A61P43/00, PC
CCK14/495,
PC C07K19/00, C12N5/06, C12P21/02, G01N33/15, G01N33/50, G01N33/53, C12N15/00)
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STRYER CORP
OS Artificial Sequence
PD 20-AUG-2002
PD 20-AUG-2002
PP 07-OCT-1999 US 60/103418,16-AUG-1999 US 09/374936;
PR 07-OCT-1999 US 60/103418,16-AUG-1999 US 09/374936;
PR 07-OCT-1999 US 60/103418,16-AUG-1999 US 09/374936;
PR 07-OCT-1999 US 09/374936;
PR 07-OCT-1999 US 09/374936;
PREMAN OPPERVANN, MEI SHENG TAI, JOHN MCCARTNEY PC C12N15/09, AG1K38/00, AG1P1/02, AG1P1/16, AG1P19/00, AG1P43/00, PC C07744/495;
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synthetic construct
artificial sequences.
1 (bases 1 to 18)
Oppermann H. Tai, M.S. and Mccartney, J.
TGF-beta superfamily variant member containing morphogenetic
                                                                                                                            synthetic construct
synthetic construct
artificial sequences.
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TGF-beta superfamily variant member containing morphogenetic
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Description of Artificial Sequence: Primer #4
Location/Qualifiers
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/db_xref="taxon:32630"
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BD237184.1 GI:33046954
JP 2002526111-A/8.
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BD237185
BD237185.1 GI:33046955
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Thymidine kinase mutants and fusion proteins having thymidine
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                        11/2015/00,A61X37/24
Ci2N15/00,A61X37/24
Description of Artificial Sequence: complement of Primer #4
Description of Artificial Sequence: complement of Primer #4
CDS (1). (18).
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Patent: JP 20025166G1-A 24 04-JUN-2002;
DARWIN MOLECULAR CORP
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LOCUS BD237184
DEFINITION TGF-beta superfamily variant member containing morphogenetic
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larity 83.3%; Pred. No. 6.7e+02;
Conservative 0; Mismatches 3; Indels
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Location/Qualifiers
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Pred. No. 6.7e+02;
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Key
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2002516061-A/24
04-UN-2002
14-OCT-1998 JP 2000516019
14-OCT-1997 US 60/061812
MARGARET E BLACK
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JP 2002516061-A/24.
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PN JP 2002516061-A/24
PD 04-UN-2002
PF 14-OCT-1998 UP 200
PR 14-OCT-1997 US
PC C122N15/09, A61831/7
PC A61931/00, A61831/7
PC A61931/00, C12N5/10
PC A61931/00, C12N5/10
PC A61931/00, C12N5/10
PC A61931/00, C12N5/10
PC TOPOLOGY: Linear;
CC TOPOLO
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Black, M.E.
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                C12N15/09, A61K38/00, A61K48/00, A61P35/00, A61P43/00, C07K7/06,
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Anderson, K., Draper, K. and Baker, B.
Oligonuclectides for modulating the effects of cytomegalovirus infections
Patent: US 5442049-A 36 15-AUG-1995,
Location/Qualifiers
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PC CO7K14/00,CO7K14/47,CO7K19/00,C12N15/00,AG1K37/02 CC
Description of Artificial Sequence:part of erbB-2 S'UTR FH
Location/Qualifiers
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NOVARTIS AG, THE SCRIPPS RESEARCH INSTITUTE
OS Artificial Sequence
PN JP 2002527097-A/9
PD 27-AUG-2002
PF 14-CT-1999 JP 2000577190
PR 16-CT-1999 US 09/173941
PI CARLOS F BREAS
PC CTINIS/09,AGIK38/00,AGIK48/00,AGIP35/00,
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Pred. No. 6.7e+02;
0; Mismatches 3;
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83.3%; Pred. No. 6.7e+02;
iive 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Thomas Jur, K.A. and Linemeyer, D.L.
Mutant acidic fibroblast growth factor
Patent: EP 0319052-A2 23 07-JUN-1989;
Location/Qualifiers
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/mol_type="unassigned DNA"
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Sequence 36 from patent US 5442049.
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Sequence 23 from Patent EP 0319052.
106265
106265.1 GI:590256
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Best Local Similarity 83.3%;
Matches 15; Conservative
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113828.1 GI:996258
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Best Local Similarity 83.33
Matches 15; Conservative
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Unclassified.
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Unclassified.
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PC COTK14/00,COTK14/47,COTK19/00,C12N15/00,A61K37/02
Description of Artificial Sequence:e2c target sequence
Location/Qualifiers
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                                                                                                                         Length 18;
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                                                                                                                                                       3; Indels
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Zinc finger binding domains for GNN
Patent: JP 2002597097-A 1 27-AUG-2002;
NOVARTIS AG,THE SCRIPPS RESEARCH INSTITUTE
OS Artificial Sequence
PN JP 2002527097-A/1
PD 27-AUG-2002
                                                                                                                       Query Match 0.8%; Score 13.2; DB 1; Best Local Similarity 83.3%; Pred. No. 6.7e+02; Matches 15; Conservative 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                          1..18
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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synthetic construct
synthetic sequences.
1 (bases 1 to 18)
Barbas, C.F.
Zinc finger binding domains for GNN
Patent: JP 2002527097-A 9 27-AUG-2002,
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2inc finger binding domains for GN
BD273597
BD273597.1 GI:33083365
UP 2002527097-A/1.
synthetic construct
synthetic construct
artificial
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16-OCT-1998 US 09/173941
CARLOS F BARBAS
        (1). (18). Location/Qualifiers
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                                                                                                                                                                                        303 GGGCCCACTCAGCTCTGC 320
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JP 2002527097-A/9.
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1 (bases 1 to 18)
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Matches 15; Conservative
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BD273605/c
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BD273597/c
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KEYWORDS SOURCE

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PAT 20-DEC-2002

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Unclassified.

Unclassified.

(bases 1 to 18)

Baker,B.F., Cowsert,L.M., Monia,B.P. and Xu,X.S.
Antisense modulation of expression of tumor necrosis factor receptor-associated factors (TRAFS)

Patent: US 6399297-A 109 04-UUN-2002,

Location/Qualifiers
                                                                                                                                                                                                                                                     Length 18;
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83.3%; Pred. No. 6.7e+02;
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33.3%; Pred. No. 6.7e+02;
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hD54 polynucleotides
Patent: US 6458943-A 56 01-OCT-2002;
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Sequence 109 from patent US 6399297.
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AR235289
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 30 from patent US 6451571.
AR230216
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/wol_type="genomic DNA"
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1 (bases 1 to 18)

Loeb, L.A. and Black, M.E.
Thymidine kinase mutants
Patent: US 6451571-A 30 17-SEP-
Location/Qualifiers
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ARZ11196.1 GI:21514454
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Unclassified.

1 (bases 1 to 18)

1 (bases 1 to 18)

Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.

Patco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.

Patch ond reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 3042 12-FEB-2002;

Location/Qualifiers
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                                                                                                                                                                                                                                                                                                          Unknown.
Unclassified.
Unclassified.
I (bases 1 to 18)
Apple,R.J., Erlich,H.A., Griffith,R.L. and Scharf,S.J.
Apple,R.J., Erlich,H.A., Griffith,R.L. and Scharf,S.J.
Methods and reagents for HLA DRbeta DNA typing
Patent: US 5567809-A 174 22-0CT-1996;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.8%; Score 13.2; DB 1; Length 18;
llarity 83.3%; Pred. No. 6.7e+02;
Conservative 0; Mismatches 3; Indels
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larity 83.3%; Pred. No. 6.7e+02;
Conservative 0; Mismatches 3; Indels
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Pred. No. 6.7e+02;
0; Mismatches 3;
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AR187554
                                                                                                                                                                                                                      Sequence 174 from patent US 5567809. I28002. GI:1818778
                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="unknown"
/mol_type="unassigned DNA"
                /organism="unknown"
/wol_type="unassigned DNA"
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                                                                                                                      130 CGGATGAAGAAGATCAAA 147
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1 Similarity 83.3%;
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Unclassified.

E 1 (bases 1 to 18)

(S Cohen, D., Chumakov, I. and Blumenfeld, M. Biallelic markers for use in constructing a h disequilibrium map of the human genome AML Patent: US 6537751-A 11482 25-MAR-2003;

Location/Qualifiers
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Pred. No. 6.7e+02;
0; Mismatches 3;
                                                                                                                                                      0.8%; Score 13.2; DB 1;
83.3%; Pred. No. 6.7e+02;
tive 0; Mismatches 3;
  Unknown.

M Unknown.
Unclassified.
E 1 (bases 1 to 18)
AS Byrne, 7.A. and Basset, P.
Members of the D52 Gene family
AL Patent: US 6528283-A 56 04-MAR-2003;
Iccation/Qualifiers
18
"""NRNOWN"
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Sequence 11482 from patent US 6537751.
AR299747.1 GI:31687031
                                                                                                                                                                                                                                                                                                  DNA
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US 6537751.
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/wol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                            Sequence 7245 from patent
AR295510
AR295510.1 GI:31682794
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1521 GGAGATTCAGCTACAAA 1538
                                                                                                                                                                                                          668 GCAAAAGCAAGCTCACAG 685
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Best Local Similarity 83.3%
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Matches 15; Conservative
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Best Local Similarity
Matches 15; Conserv
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Gocke, C. D., Kopreski, M.S. and Benko, F.A.
Detection of extracellular tumor-associated nucleic acid in blood
plasma or serum using nucleic acid amplification assays
Patent: US 6521409-A 16 18-FBB-2003;
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Cowsert,L.M.
Antisense inhibition of cyclin D2 expression
Patent: US 6492173-A 43 10-DEC-2002;
Location/Qualifiers
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0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 3;
Score 13.2; DB 1;
Pred. No. 6.7e+02;
D; Mismatches 3;
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Sequence 56 from patent US 6528283.
AR285176 GI:29722234
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Sequence 16 from patent US 6521409.
AR281908
AR281908.1 GI:29717836
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Sequence 43 from patent US 6492173.
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/wol_type="mRNA"
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Best Local Similarity 83.3%;
Matches 15; Conservative
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Matches 15; Conservative
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AR281908/c
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Local Similarity 83.3%; Pred. No. 6.7e+02;
Les 15; Conservative 0; Mismatches 3;
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83.3%; Pred. No. 6.7e+02;
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1 (bases 1 to 18)

Bennett, C.F. and Cowsert, L.M.
Antiesnse inhibition of Her-2 expression
Patent: US 6613567-A 34 02-SEP-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DNA
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Barbas, C.F.
Zinc finger binding domains for GNN
Patent: US 6610512-A 121 26-AUG-2003;
Location/Qualifiers
1 (bases 1 to 18)
Barbas, C.F.
Zinc finger binding domains for GNN
Patent: US 6610512-A 112 26-AUG-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                        Sequence 121 from patent US 6610512.
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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                                                                                                                                                                                                         Unknown.
Unclassified.
1 (bases to 18)
Pavco, P., McWiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Pavco, P., McWiggen, Teretment of diseases or conditions
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 1470.20-MAX-2003;
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1 (bases 1 to 18)
Barany, F., Luo, J., Khanna, M. and Bergstrom, D.E.
Thermostable DNA ligase mutants
Patent: US 6576453-A 78 10-JUN-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 3;
                                                                                                                    AR324068 18 bp RNA Sequence 1470 from patent US 6566127.
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/organism="unknown"
/wol_type="unassigned RNA"
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Sequence 78 from patent US 6576453.
AR342774
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/organism="unknown"
/mol_type="genomic DNA"
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                  GAGGAACAGCTACACTTC 1242
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                                                                                                                                                                                                Gaps
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Atp binding cassette transporter protein abc1 polypeptides
Patent: W0 007991.m. 37 28-DEC-2000;
CV THERAPEUTICS, INC. (US)
Location/Qualifiers
 Regulation with binding cassette transporter protein abcl Patent: WO 0078972-A 37 28-DEC-2000; CV THERAPEUTICS, INC. (US) Location/Qualifiers
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83.3%; Pred. No. 6.7e+02;
tive 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="ABC1 sequencing primer"
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/organism="synthetic bNA"
/mol_type="unassigned bNA"
/db_xref="taxon:32630"
/note="ABC1 sequencing primer"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/nofe="Primer"
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AX060928
AX060928.1 GI:12406303
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Sequence 25 from Patent WO0102577.
AX068306
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Best Local Similarity 83.3%;
Matches 15; Conservative (
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artificial sequences.
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Best Local Similarity
Matches 15; Conserv
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AX068306
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                                                                                                                                   Unknown.
Unknown.
Unclassified.
1 (bases 1 to 18)
Gocke,C.D. and Kopreski,M.S.
Gocke,C.D. and Kopreski,M.S.
Detection of extracellular tumor-associated nucleic acid in blood plasma or serum
Patent: US 6630301-A 16 07-OCT-2003;
Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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A method for identifying and characterizing cells and tissues
Parent: WO 9934016-A 286 08-JUL-1999;
GENENA LID (II); VIDER BEN ZION (IL)
Location/Qualifiers
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Pred. No. 6.7e+02;
0; Mismatches 3;
                                          mRNA
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
                                     Sequence 16 from patent US 6630301. AR405004
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Best Local Similarity 83.3%;
Matches 15; Conservative
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artificial sequences.
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Homo sapiens
                                                                                                                                 Unknown.
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AX020786/c
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AR405004/c
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KEYWORDS
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PAT 21-JUN-2002
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Vernet,C.A., Peyman,J.A. and Macdougall,J.
Nucleic acids encoding polypeptides with homology to olfactory
                                                                                                                                                                                                                                                                                                      1. .18
/organism="Homo sapiens"
/mol type="unassigned DNA"
/db_xref="taxon:9606"
/note="Hammerhead ribozyme recognition site for cdc:kinase"
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Pred. No. 6.7e+02;
0; Mismatches 3; Indels
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larity 83.3%; Pred. No. 6.7e+02;
Conservative 0; Mismatches 3; Indels
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/note="NOV12 Reverse Primer Sequence"
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Patent: WO 0130362-A 4284 03-MAY-2001;
INMUSOL, INC. (US)
Location/Qualifiers
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Patent: WO 0155179-A 129 02-AUG-2001;
Curagen Corporation (US)
Location/Qualifiers
                                           Sequence 4284 from Patent W00130362. AX133066
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Sequence 129 from Patent WO0155179.
AX226473
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Sequence 29 from Patent WO0206463.
AX429837
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Homo sapiens
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Best Local Similarity 83.3
Matches 15; Conservative
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Best Local Similarity
Matches 15, Conserva
                RESULT 1123
AX133066
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Hammerhead ribozyme recognition site for cdc
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Ligand activated transcriptional regulator proteins
Patent: WO 0130843-A 75 03-MAY-2001;
Novartis AG (CR); The Scripps Research Institute (US)
Location/Qualifiers
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larity 83.3%; Pred. No. 6.7e+02;
Conservative 0; Mismatches 3; Indels
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Score 13.2; DB 1; Length 18; Pred. No. 6.7e+02; 0; Mismatches 3; Indels
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/organism="synthetic construct"
/mol_enassigned DNA"
/db_xref="taxon:32630"
/note="ExbB-2.(E2C) taxget sequence"
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Sequence 4187 from Patent W00130362.
AX132969
AX132969.1 GI:14139279
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Sequence 75 from Patent WO0130843.
AX128414
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Location/Qualifiers
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                                                                 859 GACCIGAAGCAGTACCIG 876
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/mol_type="unassigned DNA"
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| note="pescription of Artificial Sequence: an artificially
| synthesized primer se q"
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/mol_txpe="taxon:32644"

/note="Description of Artificial Sequence: an artificially synthesized primer se q"
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Yamamoto,J.I., Isono,Y., Hio,Y., Otsuka,K., Nagai,K., Irie,R.,
Tamechika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,K. and
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JP 2000342285-A/223.
Synthetic construct
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attificial sequences.

I (bases 1 to 18)
Draper,K.G., Dadyktz,L.W., Macswigen,J.A., Maysejak,D.G.,
Method and reagent for inhibiting viral replication
Patent: JP 2000342285-A 223 12-DEC-2000,
STBOZYME PHARMACETICALS INC
OS Artificial Sequence
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Full-length cDNA 5416 24-SEP-2003;
Research Association for Biotechnology (JP)
Location/Qualifiers
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Pred. No. 6.7e+02;
0; Mismatches 3;
                                                                                                                                                                                                          Score 13.2; DB 1;
Pred. No. 6.7e+02;
Masuho,Y.
Full-length cDNA sequences
Patent: EP 1347046-A 4931 24-SEP-2003;
Research Association for Biotechnology
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                         Sequence 5416 from Patent EP1347046. AX838292
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/organism="unidentified"
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BD001063/c
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Patent: WO 0206463-A 29 24-JAN-2002;
The Scripps Research Institute (US)
Location/Qualifiers
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Human herpesvirus 5
Viruses; dsDNA viruses, no RNA stage; Herpesviridae;
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83.3%; Pred. No. 6.7e+02;
live 0; Mismatches 3;
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83.3%; Pred. No. 6.7e+02;
rative 0; Mismatches 3;
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/organism="Human herpesvirus
/mol_type="unassigned RNA"
/db_xref="taxon:10359"
                                                                                                          Beerli, R., Schopfer, U. and Barbas, C.F.
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AX710922
AX710922.1 GI:29787303
                                                                                                                                                                                                                          /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
/note="Synthesized"
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18 GCTCGGATGTAGAAGCTC 1
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          AX429837.1 GI:21541013
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AX710922/c
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AX837807/c
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CC A61P31/14, A61P31/16, A61P31/18, A61P31/22, A61P35/02, C12Q1/68, PC (C12N15/09, C12R1:93), C12N15/00, C12R5/00, A61K37/48, (C12N15/00, PC C12R1:93)
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C12N15/09,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12Q1/68,G01N33/
                                                                                                                                    CIZNIS/09,CIZNS/10,CIZNS/10,00//A61K38/43,A61K39/125,A61K39/13,
A61K39/135,
A61K39/145,A61K39/21,A61K39/23,A61K39/245,A61K39/29,A61K48/00,
A61P1/16,
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Patent: JP 2001512666-A 36 28-AUG-2001;
THOMAS JEPERSON UNIVERSITY
OS Unidentified
PN JP 2001512666-A/36
PD 28-AUG-2001
PP 28-AUG-1998 JP 200556228
PR 07-AUG-1997 US 08/908643
PI SCOTT A WALDMAN, JOSHUA M PEARLMAN, MICHAEL T BARBER, STEPHANIE
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                                                                                  DENNIS G
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Cl2M15/00,Cl2M5/00
Strandedness: Double;
Topology: Linear;
Composition binding specifically to colorectal cancer and utilization
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Waldman,S.A., Pearlman,J.M., Barber,M.T., Schultz,S. and
Parkinson,S.J.
     07/948359 I
07/987129 I
07/987133 I
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  26-AUG-1992 US 07/936086,18-SEP-1992 US 07/9483
15-OCT-1992 US 07/963322,07-DEC-1992 US 07/9873
07/987130,07-DEC-1992 US 07/987130,07-DEC-1992 US 07/9873
XENNETH G DRAPER,LEC W DADYKTZ,JAMES A MACSWIGEN, PI
                                                                                                                                                                                                                                                                                                                                                                             ce 1. 18 /organism='Artificial Sequence'.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.8%; Score 13.2; DB 1; Length 18; 83.3%; Pred. No. 6.7e+02; ive 0; Mismatches 3; Indels
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Location/Qualifiers
1. .18
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/organism="synthetic construct"
/mol_type="genomic RNA"
/db_xref="taxon:32630"
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                                                                                                       MAYSEJAK,
PI JAMES J HOLESEK,ANTHONY J MAMONE
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JP 2001512666-A/36.
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C12N15/09, C12N5/10, C12N7/00, C12N9/22//(C12N5/10, C12R1:91), PC
                                                                               PR
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07/88284 PR
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07/882921 PR
07/884921 PR
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07/98132 PR
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JP 2000342286-A/223.
Synthetic construct
Sw synthetic construct
artificial sequences.

I (bases I to 18)
Draper, K.G., Dadyktz, L.W., Macswigen, J.A., Maysejak, D.G.,
Holesek, J.J. and Mamone, A.J.
Method and reagent for inhibiting viral replication
Patent: JP 2000342286-A 223 12-DEC-2000;
REDZYME PHARMACEUTICALS INC
OS Artificial Sequence
FN JP 2000342286-A/223
PP 12-DEC-2000
PF 01-MAY-2000 JP 2000132651
PR 11-MAY-1992 US 07/882689,14-MAY-1992 US 07/882712
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07/882714 PR

07/882824 PR

07/882828 PR

07/882921 PR

07/883823 PR

07/884073 PR

07/884333 PR

07/884333 PR

07/88431 PR

07/88431 PR

07/88431 PR
                                                       PR 11-MAY-1992 US 07/882689,14-MAY-1992 US 07/882714
14-MAY-1992 US 07/88213,14-MAY-1992 US 07/882214
14-MAY-1992 US 07/882886,14-MAY-1992 US 07/882814
14-MAY-1992 US 07/882886,14-MAY-1992 US 07/882918
14-MAY-1992 US 07/88289,14-MAY-1992 US 07/882913
14-MAY-1992 US 07/88292,14-MAY-1992 US 07/882913
14-MAY-1992 US 07/884349,14-MAY-1992 US 07/88433
14-MAY-1992 US 07/88436,14-MAY-1992 US 07/88433
14-MAY-1992 US 07/88436,14-MAY-1992 US 07/884313
14-MAY-1992 US 07/88436,14-MAY-1992 US 07/884313
14-MAY-1992 US 07/88435,14-MAY-1992 US 07/884313
15-OCT-1992 US 07/931686,18-SEP-1992 US 07/931684
15-OCT-1992 US 07/931682,10-DEC-1992 US 07/931684
15-OCT-1992 US 07/93123,07-DEC-1992 US 07/93133
KENNETH G DRAPER, LEC W DADYKTZ, JAMES A MACSWIGEN, PI DI
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Pred, No. 6.7e+02;
0; Mismatches 3; Indels
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Location/Qualifiers
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/organism="synthetic construct"
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/db_xref="taxon:32630"
                                                  JP 2000132616
US 07/8826
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Best Local Similarity 83.33
Matches 15, Conservative
JP 2000342285
12-DEC-2000
01-MAY-2000 J
11-MAY-1992 U
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PD 12-DEC-2
PF 01-MAY-2
PR 11-MAY-1
14-MAY-1992 U
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PD 12-DEC-2
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PR 11-MAY-1992 1
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Plant photoperiod sensitivity genes 'Hdl' and their use
Plant photoperiod sensitivity genes 'Hdl' and their use
Datent: WO 0132881-A 3 10-MAY-2001;
JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF MINISTRY OF AGRICULTURE
FORESTRY AND FISHERIES NATIONAL INSTITUTE OF AGROBIOLOGICAL
RESOURCES, RYO FUJIS BIO ORIENTED TECHNOLOGY RESPARCH ADVANCEMENT
INSTITUTION, SOCIETY FOR TECHNO INNOVATION OF AGRICULTURE FORESTRY
AND FISHERIES, MASAHIRO YANO, VUICHI KATAYOSE, TAKUJI SASAKI, RISA
OS ATLÍFICIAL SEQUENCE
PD 10-MAY-2001
PP 01-NAY-2000
PP 01-NAY-2000
PP 01-NOV-2000 WO 2000JP007693
PR 04-NOV-1999 JB 313846
PP MASAHIRO YANO, VUICHI KATAYOSE, TAKUJI SASAKI, RISA ISHIMARU, PI
MASAHIRO YANO, VUICHI KATAYOSE, TAKUJI SASAKI, RISA ISHIMARU, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             אום 18 bp DNA linear PAT 27-AUG-2002 Plant photoperiod sensitivity genes 'Hdl' and their use.
2009-1713
                                           12-MAR-2001 JP 2001068285
BIICHI SOBDA
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
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Ashikari,M.
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0; Mismatches 3; Indels
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Pred. No. 6.7e+02;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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    /organism="synthetic co/mol_type="genomic DNA"
    /db_xref="taxon:32630"

                                                                                                                                Description of Artificial Location/Qualifiers
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          JP 2001321190-A/243
20-NOV-2001
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synthetic construct
artificial sequences.
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EIICHI SOEDA
CIZN15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,
                                                                                                                 Gaps
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Patent: JP 2001321190-A 243 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
OS Artificial Sommon
                                                                                                                                                                                                                                                                                                                                                                                                                                      A method of arraying genome clone
Patent: JP 201321190-A 174 20-NOV-2001;
PHE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
OS Artificial Sequence
PN JP 2001321190-A/174
DP 20-NOV-2001
PP 12-MAR-2001 JP 2001068285
PE BIICHI SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/5
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                                                                               Length 18;
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Pred. No. 6.7e+02;
); Mismatches 3;
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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A method of arraying genome clone.
BD087930
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BD087999
BD087999.1 GI:22633609
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/db_xref="taxon:32644"
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Synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 18)
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synthetic construct
artificial sequences.
1 (bases 1 to 18)
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Best Local Similarity 83.3%;
Matches 15; Conservative
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BD087930
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PAT 17-JUL-2003
PC C12N15/09,C07K14/82,C12N1/15,C12N1/19,C12N1/21,C12N5/10 PC C12P21/02,C12Q1/68,
PC C12N15/00,C12N5/00
CC Description of Artificial Sequence: PCR Primer FH Key Location/Qualifiers
FT source
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                                                                       /organism='Artificial Sequence'
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BD217447.1 GI:33027217
JP 2002519015-A/70.
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism='Unknown'

    .18
    /organism="unidentified"

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BD176134
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Member of D52 gene family

Patent: JP 2002503469-A 38 05-FEB-2002;

Patent: JP 2002503469-A 38 05-FEB-2002;

Patent: JP 2002503469-A 38 05-FEB-2002;

BYTTUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, UNIVERSITE LOUIS PASTEUR,

BRISTOL MERSE SQUISB CO, JENNIFER A BYRNE

OS Artificial Sequence

PN JP 2002503469-A/38

PD 05-FEB-2002

PF 17-FEB-1999 UP 200551560

PR 17-FEB-1999 US 60/074961

PI JENNIFER A BYRNE
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/organism='Artificial Sequence'.
Location/Qualifiers
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                                                                            linear
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/db xref="taxon:32630"
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                                                                                     Member of D52 gene family.
BD130276
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BD130366
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JP 2002503469-A/38.
  BD130276.1 GI:23225221
JP 2002503468-A/38.
synthetic construct
synthetic construct
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1 (bases 1 to 18)
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BD130366/c
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BD130276/c
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PRI 19-JUL-1993
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GenBank staff at the National Library of Medicine created this
entry [MCBI gibbsq 88367] from the original journal article.
This sequence comes from Fig. 2A.
C to T alteration resulting in premature translational termination.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PAT 24-JUL-1996
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                                                                                                                                                                                                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 181)
Roberts, R.G., Bobrow, M. and Bentley, D.R.
Proc. Mutations in the dystrophin gene Proc. Matl. Acad. Sci. U.S.A. 89 (6), 2331-2335 (1992)
                                         Gaps
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/note="This sequence comes from Fig. 2A"
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 0.8%; Score 13.2; DB 1;
83.3%; Pred. No. 6.7e+02;
iive 0; Mismatches 3;
                                                                                                                                                                                                 dystrophin [human, Genomic Mutant, S88367
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Homo sapiens"
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/gene="dystrophin"
                                                                       557 TCAGCCGCCCTCCGTC 574
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Query Match 0.8
Best Local Similarity 83.3
Matches 15; Conservative
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Best Local Similarity
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by JP 202526095-A/109
DD 20-AUG-20025
PP 05-OCT-1999 JP 2000574546
PR 06-OCT-1998 US 09/167109
PR 1 RRENDA F BAKER, LEX M COMPSERT, BRETT P MONIA, XIAOXING S XU PC C12N'S/09, AGIR31/7105, AGIR48/00, AGIRP29/00, AGIP35/04, C12N'IS/00 CC antisense sequence
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synthetic construct
artificial sequences.

I bases I to 18)
Baker,B.F., Cowsert,L.M., Monia,B.P. and Xu,X.S.
Antisense modulation of expression of tumor necrosis factor receptor-associated factor (TRAF)
Patent: JP 2002256095-A 109 20-AUG-2002;
ISIS PHARMACEUTICALS INC
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Outlier Similarity 83.3%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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Topology: Linear;
Antisense modulation of TNFR1 expression
Location/Qualifiers
                                               1 (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
Antisense modulation of TNFR1 expression
Patent: JP 20025;9015-A 70 02-JUL-2002;
ISIS PHARMACEUTICALS INC
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/db_xref="taxon:32630"
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                                                                                                                                      Unidentified
JP 2002519015-A/70
02-UUL-2002
17-JUN-1999 JP 2000557265
26-UUN-1998 US 29/106038
BRENDA F BAKER, LEX M COWSERT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   receptor-associated factor (TRAF).
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2002526095-A/109.
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                                   unclassified.
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PAT 17-DEC-2001

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DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

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TITLE JOURNAL FEATURES

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REFERENCE AUTHORS

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Synthetic construct
synthetic construct
artificial sequences.
I (bases 1 to 19)
Herrnstadt, C., Ghosh, S.S., Clevenger, W., Fahy, E.D. and Davis, R.E.
Diagnostic method based on the quantification of extramitochondrial
MITOKOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            BD232821 19 bp DNA linear PAT 17-JUL-2003 Diagnostic method based on the quantification of extramitochondrial
                                                                                                                                      (bases 1 to 19)
Blinkovsky,A., Byun,T.S., Klotz,A.V., Sloma,A., Brown,K., Tang,M., Blinkovsky,A., Byun,T.S., Klotz,A.V., Sloma,A., Brown,K., Tang,M., Blinkovsky,A., Marumoto,C. and Kofod,L.Venke.
Polypeptides having aminopeptidase activity and nucleic acids encoding same
Patent: US 6303360-A 6 16-OCT-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 (bases 1 to 19)
Hansen, E.J., Aebi, C., Cope, L.D., Maciver, I., Fiske, M.J. and Fredenburg, R.A.
USPAl and USPA2 antigens of Moraxella catarrhalis
Patent: Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                        Length 19;
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Pred. No. 7.3e+02;
0; Mismatches 3; Indels
   linear
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ARI76100 ARI76100.1 GI:17917399
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/organism="unknown"
/wol_type="unassigned DNA"
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AR172813 19 bp
Sequence 6 from patent US 6303360.
AR172813
AR172813.1 GI:17912304
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/organism="unknown"
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BD232821.1 GI:33042591
JP 2002518023-A/49.
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Best Local Similarity 83.3%;
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1 (bases 1 to 19)

Evans G.A. and Smith, M.W.

Method for generation of sequence sampled maps of complex genomes

Method for generation of sequence

Method for generation of sequence

Method for generation.

I ocation/Qualifiers
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Parker, W. Davis., Herrnstadt, C., Ghosh, S. and Fahy, B.D.
Rethods for detecting mitochondrial mutations diagnostic for
Alzheimer's disease and methods for determining heteroplasmy of
mitochondrial nucleic acid
Patent: US 5976798-A 53 02-NOV-1999;
Location/Qualifiers
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Best Local Similarity 83.3%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 3;
                                                                     Query Match 0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 3;
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                             19 bp | Sequence 64 from patent US 5851760. AR066716 | GI:5997938
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AR083027
AR083027.1 GI:10009817
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/mol_type="unassigned DNA"
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AR172813/c
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PAT 03-APR-1998
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 19)
Kandimalla,E. and Agrawal,S.
Triplex-forming antisense oligonucleotides having abasic linkers
targeting nucleic acids comprising mixed sequences of purines and
pyrimidines
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 19)
Housman, D.E.
Inhibitors of alternative alleles of genes as a basis for cancer
therapeutic agents
Patent: US 5702890-A 7 30-DEC-1997;
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  Score 13.2; DB 1;
Pred. No. 7.3e+02;
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Pred. No. 7.3e+02;
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Sequence 18 from patent US 5693773.
178663.
178663.1 GI:3014817
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/mol_type="unassigned DNA"
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Sequence 49 from patent US 6441149.
AR224942
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="unknown"
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                                                                                                1151 TIGACATGIGGGGTGTGG 1168
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Matches 15; Conservative (
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Matches 15; Conservative
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1 (bases 1 to 19)

Herrnstadt,C., Gnosh,S.S., Clevenger,W., Fahy,E.D. and Davis,R.E.
Diagnostic method based on the quantification of extramitochondrial
Patent: JP 2002518023-A 50 25-UGN-2002;
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PN JP 2002518023-A/50
PD 25-UDN-2002
PF 14-UN-1999 JP 200554883
PR 15-UNN-1999 US 03/098079,15-JUN-1998 US 09/097889 PR 30-APR-1999 US 03/302681
PI CORINNA HERRNSTADT, SOUMITRA S GHOSH, WILLIAM CLEVENGER, EDIN 1 PI ROBERT E DAVIS
PC C12Q1/68 Network
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C12Q1/68, A61K45/00, A61P25/28, A61P43/00, C12N15/09//A61P3/00,
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PC A61P25/00,A61P25/14,A61P25/16,A61P25/18,C12N15/00 CC
Oligonucleotide primer corresponding to cytochrome c oxidase
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PC A61P25/00,A61P25/14,A61P25/16,A61P25/18,C12N15/00 CC
Oligonucleotide primer corresponding to cytochrome c oxidase
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PN JP 2002518023-A/49
PD 2-UIN-2002
PF 14-UIN-1999 JP 2000554883
PR 15-UN-1999 US 09/038079,15-UIN-1998 US
R15-UN-1999 US 09/302681
PI CORINNA HERRNSTADT, SOUMITRA S GHOSH, WILLIAM CIP PRHY, PRHY, PRHYSTADT, SOUMITRA S GHOSH, WILLIAM CIP PRHY PRHYSTADT, SOUMITRA S GHOSH, WILLIAM CIP PRHYSTADT, SOUMITRA S GHOSH, WILLIAM C
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome Patent: US 6537751-A 11495 25-MAR-2003;
Location/Qualifiers
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome
Patent: US 6237751-A 11036 25-MAR-2003;
Location/Qualifiers
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ilarity 83.3%; Pred. No. 7.3e+02;
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/mol_type="genomic DNA"
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1 (bases 1 to 19)
Hernstadt,C., Ghosh,S.S., Clevenger,W., Fahy,E.D. and Davis,R.E.
Diagnostic method based on quantification of extramitochondrial DNA
Patent: US 6441149-A 50 27-AUG-2002;
                                                                             Unclassified.

1 (Dases 1 to 19)
Herrnstadt,C., Ghosh,S.S., Clevenger,W., Fahy,E.D. and Davis,R.E. Diagnostic method based on quantification of extramitochondrial DNA Patent: US 6441149-A 49 27-AUG-2002;
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    19
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    mol_type="genomic DNA"

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Best Local Similarity 83.3%;
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Best Local Similarity 83.3
Matches 15, Conservative
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Pred. No. 7.3e+02;
0; Mismatches 3; Indels
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                                       Herrnstadt, C. and Davis, R.E. Single nucleotide polymorphisms in mitochondrial genes that segreg ate with alzheimer's disease Patent: WO 0063441-A 121 26-OCT-2000; MITOKOR (US)
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Single nucleotide polymorphisms in mitochondrial genes that segreg
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Patent: WO 0063441-A 122 26-OCT-2000;
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Location/Qualifiers
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/note="PCR primer"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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IMMUSOL, INC. (US)
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IMMUSOL, INC. (US)
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Sequence 227 from Patent W00130362. AX129009
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Sequence 228 from Patent W00130362.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 0130362-A 677 03-MAY-2001;
IMMUSOL, INC. (US)
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Sequence 677 from Patent W00130362.
AX129459
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Sequence 784 from Patent WO0130362.
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AX130001
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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larity 83.3%; Pred. No. 7.3e+02;
Conservative 0; Mismatches 3; Indels
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|db stref="taxon:9660"
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'Crganism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="CdK6 ribozyme binding site"
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0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 3;
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IMMUSOL, INC. (US)
Location/Qualifiers
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Sequence 566 from Patent WO0130362.
AXI29348.1 GI:14135653
  Mismatches
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Sequence 568 from Patent W00130362.
AX129350
AX129350.1 GI:14135655
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Location/Qualifiers
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Best Local Similarity
Matches 15; Conserv
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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83.3%; Pred. No. 7.3e+02;
tive 0; Mismatches 3; Indels
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                                                                          1. .19
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9666"
/noTes"Cyclin D2 ribozyme binding site"
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/db_xref="taxon:9606"
/note="Cyclin D3 ribozyme binding site"
                    Patent: WO 0130362-A 1930 03-MAY-2001,
IMMUSOL, INC. (US)
Location/Qualifiers
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IMMUSOL, INC. (US)
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Seguence 2050 from Patent W00130362.
AX130832
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Sequence 3890 from Patent W00130362.
AX132672.1 GI:14138977
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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/organism="Homo sapiens"
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Location/Qualifiers
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Homo sapiens
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Best Local Similarity 83.33
Matches 15, Conservative
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Best Local Similarity 83.39
Matches 15; Conservative
         diseases
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AX130832
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                               Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Ribozyme therapy for the treatment of proliferative skin and
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83.3%; Pred. No. 7.38+02;
Live 0; Mismatches 3; Indels
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/db_xref="taxon:9606"
/note="Cdk-we-hu ribozyme binding site"
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/organism="Homo sapiens"
/molltype="unassigned DNA"
/db_xref="taxon:9606"
/note="Cdk-we-hu ribozyme binding site"
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Pred. No. 7.3e+02;
0; Mismatches 3;
                                                                                                                               Patent: WO 0130362-A 1219 03-MAY-2001;
IMMUSOL, INC. (US)
Location/Qualifiers
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IMMUSOL, INC. (US)
Location/Qualifiers
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Sequence 1346 from Patent WO0130362.
AX130128
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Best Local Similarity 83.3
Matches 15; Conservative
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Pred. No. 7.3e+02;
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Pred. No. 7.3e+02;
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/mol type="unassigned DNA"
/mol type="unassigned DNA"
/do xref="taxon:32630"
/note="position 184"
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AX353206
                                     19 bp Sequence 408 from Patent EP1174518. AX353202
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AX353205
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1 Similarity 83.3%;
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Matches 15; Conservative
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                                        0.8%; Score 13.2; DB 1; Length 19; 83.3%; Pred. No. 7.3e+02;
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/db_xref="taxon:9606"
/note="PCNA HH ribozyme binding site"
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Patent: BP 1174518-A 404 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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ilarity 83.3%; Pred. No. 7.3e+02;
Conservative 0; Mismatches 3;
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/mol type="unassigned DNA"
/db xref="taxon:32630"
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/mol_type="unasaigned DNA"
/db_xref="taxon:32630"
/noTe="primer"
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Patent: W 0.0149831-A 2 12-UUL-2001;
Kleeslek, Knut, Prof. Dr. (DE)
Location/Qualifiers
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Sequence 24 from Patent WO0149831.
AX191466
AX191466.1 GI:15209669
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Pred. No. 7.3e+02;
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Patent: WO 0208463-A 408 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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Patent: WO 0208463-A 411 31-JAN-2002;
                   Score 13.2; DB 1;
Pred. No. 7.3e+02;
0; Mismatches 3;
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83.3%; Pred. No. 7.3e+02;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="position 184"
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/mol_type="unassigned DNA"
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/noTe="position 184"
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Location/Qualifiers
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Matches 15, Conservative
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Best Local Similarity 83.3°
Matches 15, Conservative
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Best Local Similarity
Matches 15; Conserv
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Patent: EP 1174518-A 415 23-JAN-2002,
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
             Loukachov, V.V., van Gemen, B. and Goudsmit, J. Collection of binding molecules Patent: BP 1174518-A 412 23-JAN-2002; Amsterdam Support Diagnostics B.V. (NL) Location/Qualifiers
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Patent: WO 0208463-A 404 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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Pred. No. 7.3e+02;
0; Mismatches 3;
                                                                                                          /organism="synthetic construct"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db xref="taxon:32630"
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Denefle, P., Rosier-Montus, M.F., Prades, C., Arnould-Reguigne, I., Vauverger, N., Allimets, R. and Dean, M.

Nucleic acids of the human aboas, abca, abca9, and abcal0 genes, vectors containing such nucleic acids and uses thereof Patents: Wo 0.246458-B. 162 13-UNY-2002, Aventis Pharma S.A. (FR); The Secretary, Department of Health and Human Services (US)
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 83.3%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 3;
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/mol type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Primer"
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Patent: WO 03000727-A 119 03-JAN-2003;
ISIS INNOVATION LIMITED (GB)
Location/Qualifiers
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Sequence 16 from Patent WO03014390.
AX816725
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/db_xref="taxon:9606"

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    organism="Homo sapiens"

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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 0208463-A 412 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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Patent: WO 0208463-A 415 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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/note="position 184"
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Sequence 162 from Patent W00246458.
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AX363051
Sequence 412 from Patent WO0208463.
AX363051
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OS Unidentified
PD 17 2001514500-A/53
PD 11-SEP-2001
PF 27-FEB-1998 JP 1998537738
PR 28-FEB-1997 US 08/810599
PI WILLIAM DAVIS PARKER, CORINNA HERRNSTADT, SOUMITRA GHOSH, EOIN D
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Strandedness: Double;
Topology: Linear;
Methods for detecting mitochondrial mutations diagnostic for disease and methods for determining heteroplasmy of CC mitochondrial nucleic
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JP 2001321190-A/1709
20-1001-1
20-NOV-2001
12-MAR-2001 JP 2001068285
EIICHI SOEDA
CI2N15/09,CI2N15/09,CI2N1/00,CI2Q1/68,G01N33/53,G01N33/566,
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Patent: JP 2001321190-A 1709 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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/organism='Artificial Sequence'
Location/Qualifiers
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/organism="synthetic construct"
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BD089465.
BD089465.1 GT:22635075
JP 2001321190-A/1709.
                                                                                                                                                                                                                                                                                                                                   /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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1 (bases 1 to 19)
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MICHAEL J FISKE,
PI ROSS FREDENBURG
PC C12N1S/31,CO7K7/04,CO7K14/22,A61K38/03,A61K38/16,A61K39/02
Description of Artificial Sequence:oligonucleotide primer FH
Location/qualifiers
                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 19)
Hansen, E. J., Aebl, C., Cope, L. D., Maciver, I., Fisk, M. J. and Fredenburg, R.
USPA1 and USPA2 antigens of moraxella catarrhalis
Patent: JP 2001515467-A 10 18-SEP-2001;
THE BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM
OS Artificial Sequence
PN JP 2001515467-A/10
PD 18-SEP-2001
PP 19-DEC-1996 US 60/033598
PR 20-DEC-1996 US 60/033598
PI ERIC J HANSEN, CHRISTOPH ABBI, LESLIE D COPE, ISOBEL MACIVER,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Parker, W.D., Herristadt, C., Ghosh, S. and Fahy, B.D.
Methods for detecting mitochondrial mutations diagnostic for
Alzheimer's disease and methods for determining heteroplasmy of
mitochondrial nucleic acid
Patent: JP 2001514500-A 53 11-58P-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Methods for detecting mitochondrial mutations diagnostic for Alzheimer's disease and methods for determining heteroplasmy of mitochondrial nucleic acid.
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                                 Length 19;
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                             0.8%; Score 13.2; DB 1;
llarity 83.3%; Pred. No. 7.3e+02;
Conservative 0; Mismatches 3;
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ilarity 83.3%; Pred. No. 7.3e+02;
Conservative 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
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                                                             0; Mismatches
'db_xref="taxon:9606"
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JP 2001515467-A/10.
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JP 2001514500-A/53.
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1 (bases 1 to 19)
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                               Query Match
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.

I (bases 1 to 19)

St Treco,D.A., Heartlein,M.W. and Selden,R.F.
Upstream genome sequence of IFN-alpha2 gene code domain for producing and transporting protein

Producing and transporting protein

I Patent: UP 200251380-A 3 14-MAY-2002;

TRANSKANOTIC THERAPIES INC

OS Homo sapiens (human)

PN 19 200251380-A/3

PD 14-MAY-2002

PF 05-MAY-1999 UP 2000547246

PR 07-MAY-1999 US 60/084648,21-MAY-1999 US 60/086555 PI
                                                                                                                                                                                                                                           BD221612
Upstream genome sequence of IFN-alpha2 gene code domain for producing and transporting protein.
BD221612
BD221612.1 GI:33031382
JP 2002513580-A/3.
Homo sapiens (human)
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Synthetic construct DNA, forward primer for human STS sts-T49963 at
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PP 05-MAY-1999 UP 2000547246
PR 05-MAY-1999 UP 2000547246
PR 07-MAY-1999 UP 60/084648,21-MAY-1998 US 60/086555 PI
DOUGLAS A TRECO,MICHAEL W HEARTLEIN, RICHARD F SELDEN PC
C12N15/09,A61K48/00,C07K14/56,C12N5/10,C12P21/02//(C12N5/10, PC
C12R1:91),C12N15/00,C12N5/00,(C12N5/10, PC
Upstream genome sequence of IFN-alpha2 gene code domain for CC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Location/Qualifiers (human)'.
                                                   0.8%; Score 13.2; DB 1; Length 19; 83.3%; Pred. No. 7.3e+02;
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13.3%; Pred. No. 7.3e+02;
ve. 0; Mismatches 3;
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
   /mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                         Nakagawara, A.
Human 1p36 homozygous deletion region
Human 1p36 homozygous deletion region
Patent: WO 0116311-A 4 08-MAR-2001;
HISAMITSU PHARMEDUTICAL CO INC, CHIBA PREFECTURE, AKIRA NAKAGAWARA
OS Artificial Sequence
PN WO 0116311-A/4
                                                                                                                                                                                                                                                                                                                                                                                                           136266 PI
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PF 31-AUG-1090 JP 99P 245962,09-MAY-2000 JP 00P
RXIRA NAKAGAWARA
PC C12N15/09
CC PCR primer
FH Kev
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0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 7.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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Patent: JP 200227474-A 3 24-SBP-2002;
ZERIA PHARMACENTICALS CO LTD
OS Artificial Sequence
PN JP 2002272474-A/3
PD 24-SEP-2002
PF 22-MAR-2001 JP 2001083352
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Key

    .19
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/organism="synthetic construct"
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Human 1p36 homozygous deletion region.
BD093649
BD093649.1 GI:22639237
WO 011637.
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Synthetic construct
synthetic construct
artificial sequences.

(bases 1 to 19)
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synthetic construct
artificial sequences.
1 (bases 1 to 19)
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19 GAGCCACATCCACCTGCC
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   Viruses; dsDNA viruses, no RNA stage; Herpesviridae,
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Patent: BP 0653497-A 13 31-MAY-1995;
CIBA GEIGY AG (CH)
CTBA CHICY AG (CH)
Other publication NZ 264899 960326
Other publication NF 26489 960326
Other publication NF 26489 950815
Other publication NF 213286 950815
Other publication NG 244181 950504
Other publication RD 945163 950504
Other publication RD 945163 950504
Other publication AG 7754994 950518.
Location/Qualifiers
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forganism="unidentified"
"mol type="unassigned DNA"
|db_xref="taxon:32644"
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Sequence 4 from Patent EP0823485,
A92983.1 GI:6741411
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sts-149963 obtained from clones B328M11, B360L15 Human BAC
library RPCI-11"
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Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H., Morobashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A. and Soeda, E. A. BAC-based STS-content map spanning a 35-Mb region of human
                                                                                                                                                                            Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 960-8675, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042) Fax:81-22-717-8047)
Location/Qualifiers
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Pred. No. 7.8e+02;
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/mol_type="fenomic DNA"
1. .19

    20
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                                                               chromosome 1p35-p36
Genomics 74 (1), 55-70 (2001)
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Synthetic C-gamma 1 primer.
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Best Local Similarity 83.3%;
Matches 15; Conservative
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Human herpesvirus 1
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A27562
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PAT 05-DEC-1998
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Tapscott, S.J. and Olson, J.M.
Expression of neurogenic bHLH genes in primitive neuroectodermal
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unclassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

1 (bases 2 to 20)

1 (bases 3 to 20)

1 (bases 4 to 20)

1 (bases 5 to 20)

1 (annuazi,M.C., Kerem, B.-S., Drumm, M.L. and Buchwald, M. Methods of detecting cystic fibrosis gene by nucleic acid hybridization

10 5776677-A 12 07-UUL-1998;

10 cation/Qualifiers
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llarity 83.3%; Pred. No. 7.8e+02;
Conservative 0; Mismatches 3; Indels
                                   Length 20;
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                           Query Match 0.8%; Score 13.2; DB 1; Best Local Similarity 83.3%; Pred. No. 7.8e+02; Matches 15; Conservative 0; Mismatches 3;
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83.3%; Pred. No. 7.8e+02;
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Sequence 12 from patent US 5776677.
AR016028 1 GI:3972305
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Sequence 23 from patent US 5795723.
AR023716.1 GI:3977010
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DEFINITION Sequence 7 from patent US 5830661.
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                                                                                                                          705 GGAGATCAGACTGGAACA
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AR023716
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                                                                                            1 (bases 1 to 20)
Lichtinghagen, R.D. and Wyrich, R.D.
Process for amplification of Neisseria gonorrhoeae nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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1 (bases 1 to 20)

1 (bases 1 to 20)

1 (bases 1 to 20)

1 (bases 2 to 20)

1 (bases 3 to 20)

1 (bases 4 to 20)

1 (bases 4 to 20)

1 (bases 4 to 20)

1 (bases 5 to 20)

1 (bases 6 to 20)

1 (bases 6 to 20)

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0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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83.3%; Pred. No. 7.8e+02;
Live 0; Mismatches 3; Indels
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1 (bases 1 to 20)
Buxton,F., Jarai,G. and Visser,J.

Sapergillus niger vacuolar aspartyl protease
Patent: US 5756338-A 13 26-MAY-1998;

Location/Qualifiers
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/organism="unidentified"
/wol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
                                                                                                                                                             sequences
Patent: EP 0823485-A 4 11-FEB-1998;
BOEHRINGER MANNHEIM GMBH (DE)
Location/Qualifiers
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AR009695
AR009695.1 GI:3968500
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Sequence 10 from patent US 5776677.
AR016026.1 GI:3972303
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/organism="unknown"
/mol_type="unassigned DNA"
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PAT 28-AUG-2000
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Bennett, C. Frank. and Dean, N.
Antisense oligonucleotides against human protein kinase
Patent: US 5959096-A 44 28-SEP-1999;
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Pred. No. 7.8e+02;
0; Mismatches 3; Indels
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Pred. No. 7.8e+02;
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                                                                                                                                                                                                               Unclassified.

1 (bases 1 to 20)
Stroum, M., Anker, P. and Vasioukhin, V.
Patchod for diagnosing cancers
Patent: US 5952170-A 11 14-SEP-1999;
        0; Mismatches
                                                                                                                         20 bp
Sequence 11 from patent US 5952170.
AR073568
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 7 from patent US 5962230.
AR077222
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                                                          18 AAGAGAGCTGTGGTG 1
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Best Local Similarity 83.3%;
Matches 15; Conservative
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Best Local Similarity 83.3
Matches 15; Conservative
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AR076679
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AR073568
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                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (deservation 20)
Evans,G.A. and Smith,M.W.
Byans,G.A. and Smith,M.W.
Method foor generation of sequence sampled maps of complex genomes
Patent: US 5851760-A 120 22-DEC-1998;
Location/Qualifiers
1 . 20;
/organism="unknown"
/mol__type="unassigned DNA"
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Pred. No. 7.8e+02;
0; Mismatches 3; Indels
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Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 15; Conservative 0; Mismatches 3;
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Mak, T.W. and Reitmair, A.
MSH2 disrupted mice develop lymphomas
Patent: US 5907079-A 6 25-MAY-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                             20 bp D1
Sequence 120 from patent US 5851760.
AR066772
                                                                       Jacobers 1 to 20)
Sarfarazi,M.
Diagnosis and treatment of glaucoma
Patent: US 5830661-A 7 03-NOV-1998;
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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AR070562.1 GI:7221450
                                                                                                                                                            /organism="unknown"
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Best Local Similarity 83.3%; Pre
Matches 15; Conservative 0;
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AR051270
AR051270.1 GI:5974634
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Bennett, C.Frank. and Vickers, T.A.
Bennett, C.Frank. and Vickers, T.A.
Oligomicle-oride compositions and methods for the modulation of the
expression of B7 protein
Patent: US 6077833-A 26 20-JUN-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 20)
Brooks-Wilson,A.R., Buckler,A., Cardon,L., Carey,A.H., Galvin,M.,
Miller,A. and North,M.
                                                                                                                                                                                                                                                                                                                                                             Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unclassified.

1 (bases 1 to 20)
Melki, J. and Munnich, A.
Survival motor neuron (SMN) gene: a gene for spinal muscular atrophy
                                                                                                                                                                                                                                                                                                                                                             0;
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83.3%; Pred. No. 7.8e+02;
tive 0; Mismatches 3;
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Pred. No. 7.8e+02;
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Sequence 259 from patent US 6087485.
AR103735 GI:12815323
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/organism="unknown"
/mol_type="unassigned DNA"
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Location/Qualifiers
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/organism="unknown"
/wol_type="unassigned DNA"
                                                         Sequence 26 from patent US 6077833.
AR099499
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Sequence 56 from patent US 6080577.
AR100262. GI:12810710
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Best Local Similarity 83.3%;
Matches 15; Conservative
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Matches 15; Conservative
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Unklassified.
1 (bases 1 to 20)
Mattes,R., Klein,K., Schiweck,H., Kunz,M. and Munir,M.
Preparation of acariogenic sugar substitutes
Patent: US 5985622-A 18 16-NOV-1999;
Location/Qualifiers
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                                                                                                                                 0.8%; Score 13.2; DB 1; Length 20; llarity 83.3%; Pred. No. 7.8e+02; Conservative 0; Mismatches 3; Indels
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83.3%; Pred. No. 7.8e+02;
tive 0; Mismatches 3;
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Patent: US 6001991-A 26 14-DEC-1999;
Location/Qualifiers
l (bases 1 to 20)
Sarfarazi,M.
Diagnosis and treatment of glaucoma
Patent: US 5962230-A 7 05-OCT-1999;
Location/Qualifiers
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Sequence 26 from patent US 6001991.
AR095032. GI:10022515
                                                                                      /organism="unknown"
/wol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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Sequence 18 from patent US 5985622.
AR086836 1 GI:10013602
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/organism="unknown"
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1 (bases 1 to 20)
Dean, N.M. and Manoharan, M.
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                                                                                                                            Unclassified.

1 (bases 1 to 20)

1 (bases 1 to 20)

Popoff, I., Brown-Driver, V.L. and Cowsert, L.M.

Antisense inhibition of e2f transcription factor 1 expression

Patent: US 6187587-A 13 13-FEB-2001;

Location/Qualifiers
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1 (bases 1 to 20)

1 (bases 1 to 20)

Peitelbon,J.S., Schnepf,H.Ernest., Narva,K.E., Stockhoff,B.A., Schmeits,J., Loewer,D., Dullum,C.Joseph., Muller-Cohn,J. and Stamp,L.M.

Pesticidal toxins and nucleotide sequences which encode these
                                                                                                                                                                                                                                                                                                                              Gaps
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Dean,N.M., Karras,J.G. and McKay,R.
Antisense modulation of interleukin-5 signal transduction
Patent: US 6136603-A 7 24-OTT-2000;
Location/Qualifiers
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                     Sequence 13 from patent US 6187587.
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Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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Seguence 70 from patent US 6204435.
AR143662
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Sequence 7 from patent US 6136603.
AR136204.1 GI:14476876
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/organism="unknown"
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SOURCE
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KEYWORDS
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Uchida,K., Uchida,T., Tanaka,Y., Matsuda,Y. and Kondo,S.
Antisense nucleic acid compound targeted to VEGF
Patent: US 6150092-A 51 21-NOV-2000;
__iocation/Qualifiers
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llarity 83.3%; Pred. No. 7.8e+02;
Conservative 0; Mismatches 3; Indels
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Pred. No. 7.8e+02;
0; Mismatches 3;
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Pred. No. 7.8e+02;
0; Mismatches 3;
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1 (bases 1 to 20)

Dean,N.M. and Cowsert,L.M.
Antisense modulation of daxx expression
Patent: US 6180353-A 74 30-JAN-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DNA
Asthma related genes
Patent: US 6087485-A 259 11-JUL-2000;
Location/Qualifiers
                                               1. .20
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                                                                                                                                                                                                                                                                                 AR118925 20 bp 1
Sequence 51 from patent US 6150092.
AR118925 4R118925.1 GI:14100835
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/organism="unknown"
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Sequence 74 from patent US 6180353.
AR126645.
AR126645.1 GI:14113238
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l Similarity 83.3%;
15; Conservative
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Matches 15; Conserv
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Matches 15; C
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LOCUS DEFINITION ACCESSION VERSION KEYWORDS

SOURCE ORGANISM

TITLE JOURNAL

FEATURES

AUTHORS REFERENCE

RESULT 1210

à d AR126645

FEATURES

RESULT 1211

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DEFINITION ACCESSION VERSION

ORGANISM

KEYWORDS SOURCE

REFERENCE AUTHORS TITLE JOURNAL FEATURES

RESULT 1209

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AR118925 LOCUS

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PAT 08-AUG-2001
                               PAT 08-AUG-2001
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                                                                                                                                    Unclassified.

1 (bases 1 to 20)
Baker, B.F., Bennett, C.Frank., Butler, W.M. and Shanahan, W.R. Jr.
Batisense oligonuclectide modulation of tumor necrosis
factor (.alpha.) (TNF.alpha.) expression
Patent: US 6228642-A 304 08-MAY-2001;
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0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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0.8%; Score 13.2; DB 1; Length 2
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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Sidransky,D.
Detection of neoplasia by analysis of saliva
Patent: US 6235470-A 14 22-MAY-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 20)
Sidransky, D.
Detection of neoplasia by analysis of saliva
Patent: US 6235470-A 46 22-MAY-2001;
Location/Qualifiers
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                          ARI50228 20 bp D. Sequence 304 from patent US 6228642.
ARI50228
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 14 from patent US 6235470.
AR152734
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 46 from patent US 6235470.
AR152766
AR152766.1 GI:15120298
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1 GAGGTACAGGCCCTCTGA 18
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Baker, B.F., Bennett, C. Frank., Butler, M.M. and Shanahan, W.R. Jr. Antisense oligonucleotide modulation of tumor necrosis. factor-(.alpha.) (TNF-.alpha.) expression
Patent: US 6228642-A 260 08-MAY-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                         Tosser 1 to 20)
Feitelson, J.S., Schnepf, H.Ernest., Narva, K.E., Stockhoff, B.A., Schnept, J., Loewer, D., Dullum, C.Joseph., Muller-Cohn, J. and Stamp, L.M.
Pesticidal toxins and nucleotide sequences which encode these
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Pred. No. 7.8e+02;
0; Mismatches 3; Indels
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0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 15; Conservative 0; Mismatches 3;
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Patent: US 6204435-A 116 20-MAR-2001;
Location/Qualifiers
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Sequence 116 from patent US 6204435.
AR143690.
AR143690.1 GI:15104976
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Sequence 260 from patent US 6228642.
ARL50184
AR150184.1 GI:15114775
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/organism="unknown"
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dlarity 83.3%;
Conservative (
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Best Local Similarity
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VERSION
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VERSION
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TITLE
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PAT 17-DEC-2001
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                                                                                                                                                 Unclassified.
1 (bases 1 to 20)
Sidransky, D.
Method for detecting cell proliferative disorders
Patent: US 6291163-A 14 18-SEP-2001;
                                                 linear
                                                                                                                                                                                                                                                                                                           Query Match 0.8%; Score 13.2; DB 1; Length 2 Best Local Similarity 83.3%; Pred. No. 7.8e+02; Matches 15; Conservative 0; Mismatches 3; Indels
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1 (bases 1 to 20)
Sidransky, b.
Method for detecting cell proliferative disorders
Patent: US 6291163-A 46 18-SEP-2001;
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Zhang, H. and Cowsert, L.M.
Antisense modulation of caspase 3 expression
Patent: US 6303374-A 121 16-OCT-2001;
Location/Qualifiers
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                                         Sequence 14 from patent US 6291163.
ARI69285
ARI69285.1 GI:17907127
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Feitelson, J.S., Schnepf, H.Ernest., Narva, K.E., Stockhoff, B.A., Schmeits, J., Loewer, D., Dullum, C.Joseph., Muller-Cohn, J., Stamp, L., Morrill, G. and Finstad-Tee, S.
Pesticidal toxins and nucleotide sequences which encode these
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Unclassified.
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Feitdasen, J.S., Schnepf, H.Ernest., Narva, K.E., Stockhoff, B.A., Schmeits, J., Loewer, D., Dullum, C.Joseph., Muller-Cohn, J., Stamp, L., Morrill, G. and Finstad-Lee, S.
Pesticidal toxins and nucleotide sequences which encode these toxins
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                                         Query Match 0.8%; Score 13.2; DB 1; Length 20; Best Local Similarity 83.3%; Pred. No. 7.8e+02; Matches 15; Conservative 0; Mismatches 3; Indels
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Location/Qualifiers
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Location/Qualifiers
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Sequence 70 from patent US 6242669.
AR157236.1 GI:15125940
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Matches 15; Conservative
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AR157264
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BD226933 20 bp DNA linear PAT 17-\mathrm{JUL}-2003 Hepatitis C virus NS5B composition and method of using the same. BD226933
                                                           Unclassified.

1 (bases 1 to 20)
Pauli,B.U., Bible,R.C. and Gruber,A.D.
Nucleotide sequences encoding mammalian calcium activated chloride channel-adhesion molecules
Patent: US 6309857-A 23 30-OCT-2001;
Location/Qualifiers
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Bennett, C.Frank. and Vickers, T.A.
Oligonucleotide compositions and methods for the modulation of the expression of B7 protein
Patent: US 6319906-A 26 20-NOV-2001;
Location/Qualifiers
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collett,M.S.

Hepatitis C virus NS5B composition and method of using the same patent: JP 2002510509-A 20 09-APR-2002;
VIROPHARMA INC
OS Hepatitis virus (hepatitis C virus)
PN JP 2002510509-A/20
PD 09-APR-2002
PF 02-APR-1999 JP 2000542492
PR 02-APR-1999 US 60/090356 PI
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Pred. No. 7.8e+02;
0; Mismatches 3;
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Sequence 26 from patent US 6319906.
AR178780
AR178780.1 GI:20219918
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 AR175728.1 GI:17917027
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ilarity 83.3%; Pred. No. 7.8e+02;
Conservative 0; Mismatches 3; Indels
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1 (bases 1 to 20)
Zhang, H. and Cowsert, L.M.
Antisense medulation of caspase 3 expression
Patent: US 6303374-A 165 16-0CT-2001;
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Pred. No. 7.8e+02;
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Zhang, H. and Cowsert, L.M.
Antisense modulation of Gaspase 3 exp
Patent: US 6303374-A 174 16-OCT-2001;
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Sequence 174 from patent US 6303374.
AR173049
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Sequence 165 from patent US 6303374.
AR173040
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Sequence 23 from patent US 6309857.
AR175728
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DEFINITION

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FEATURES

TITLE JOURNAL

AUTHORS

REFERENCE

RESULT 1226 AR175728 LOCUS DEFINITION

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Gaps

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BD228101 20 bp DNA linear PAT 17-JUL-2003 Antisense oligonucleotide regulation of expression of tumor necrosis factor-alpha (TNF-alpha).
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A61P1/18,A61P3/10,A61P17/00,A61P17/04,A61P29/00,A61P31/00, PC
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PR 31-0CT-1998 US 60/106757 PI SYED V S ASSHMIRI, EDUARDO A PADLAN, JEFFREY SCHLOM PC C12N15/09, AG1K39/395, 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              rk U5-OCT-1998 US 09/166186,18-MAY-1999 US 09/313932 PI
BRENDA F BAKER, FRANK C BENNETT, MADELINE M BUTLER, WILLIAM J PI
SHANAHAN JR
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synthetic construct
synthetic construct
artificial sequenes.
1 (bases 1 to 20)
Kashmiri,S.V.S., Padlan,B.A. and Schlom,J.
Kashmiri,S.V.S., Padlan,B.A. and Schlom,J.
The UNITED STATES OF AMERICA
SATISTICAL Sequence
NP 10 2002528127-A 12 03-SEP-2002;
PN THE UNITED STATES OF AMERICA
SATISTICAL Sequence
PN JP 2002528127-A/12
PD 03-SEP-2002
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synthetic construct
artificial sequences.

(bases I to 20)
Baker, B.F., Bennett, F.C., Butler, M.M. and Jr., W.J.S.
Antisense oligomucleotide regulation of expression of tumor necrosis factor-alpha (TMF-alpha)
Batent: JP 2002526125-A 304 20-AUG-2002;
ISIS PHARMACEUTICALS INC
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Pred. No. 7.8e+02;
0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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JP 2002526125-A/304
20-AUG-2002
05-OCT-1999 US 09/16618
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PC 00,A61P1/16,
PC A61P1/18,A61P3/10,A611
C07H31/02,
PC C07H31/04,C12N15/00
CC Synthetic Locati
FT Source Locati
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JP 2002528127-A/12.
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Best Local Similarity 83.33
Matches 15; Conservative
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ORGANISM
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BD243252
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JOURNAL
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Antisense oligonuclectide regulation of expression of tumor necrosis factor-alpha (TMP-alpha)

Lecrosis factor-alpha (TMP-alpha)

Batent: JP 2002526125-A 260 20-AUG-2002;

ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN UP 2002526125-A/260

PD 20-AUG-2002

PP 05-OCT-1999 UP 2005574737

PR 05-OCT-1999 US 09/166186,18-MAY-1999 US 09/313932 PI
BRENDA F BAKER, FRANK C BENNETT, MADELINE M BUTLER, WILLIAM J PI
SHANAHAN JR
SHANAHA
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A61P1/18,A61P3/10,A61P17/00,A61P17/04,A61P29/00,A61P31/00, PC
                                 PC C12N15/09,A61K39/29,C07K16/40,C12N1/15,C12N1/19,C12N1/21 PC C12N5/10,C12N7/00,
PC C12N5/12,C12Q1/68,C12Q1/70,G01N33/15,G01N33/50,G01N33/566, I
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PC C12P21/08,C12N15/00,C12N5/00
CC Hepatitis C Virus NS5B composition and method of using same
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/organism='Hepatitis virus (hepatitis
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Location/Qualifiers
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0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD228057
BD228057.1 GI:33037827
JP 2002526125-A/260.
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synthetic construct
artificial sequences.

Is bases 1 to 20)

Span, N.M., Karras, J.G. and Mckay, R.
Antisense modulation of interleukin-5 signal transduction

Lists PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002539846-A/7

PD 26-NOV-2002

PF 17-MAR-2000 JP 2000608790

PR 17-MAR-2000 JP 2000608790

PR 17-MAR-2000 JP 2000608790

PR 26-NOR-1999 US 09/280790

PR 26-N
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GOIN33/574,GOIN33/577,CL2N15/00
Variants of humanized anti-carcinoma monoclonal antibody CC49
Key
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                                                                                                                                      /organism='Artificial Sequence'
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                    Score 13.2; DB 1; Length 20; Pred. No. 7.8e+02;
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Description of Artificial Sequence:Synthetic
Key
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                     1. .20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                                                                   1. .20
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BD251134.1 GI:33060904
JP 2002527100-A/12.
Homo sapiens (human)
Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   654 CACCGTCTACAAAGGCAA 671
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Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.8
Best Local Similarity 83.3
Matches 15; Conservative
                                                                                                                source
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BD247659
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VERSION
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VERSION
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PD 27-2002
PP 15-0CT-1999 UP 2000577197
PP 15-0CT-1999 UP 2000577197
PR 16-0CT-1999 US 66/104491,16-FEB-1999 US 66/120237 PI
ADRIAN WHITTY. LAURA RUNKEL, MARGOT BRICKELMAIER, PAULA HOCHMAN PC
C12N15/09,A61K38/00,A61K38/21,A61P9/00,A61P31/12,C07K14/565, PC
C07K17/08,
PC C07K17/00,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12P21/02 PC
,C12N15/00,C12N5/00,
PC A61K37/02,A61K37/66
CC Interferon-beta fusion proteins and uses
FT Key Location/Qualifiers
FT source /organism='Homo sapiens (human)'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .
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Whitry,A., Runkel,L., Brickelmaier,M. and Hochman,P. Interferon-beta fusion proteins and uses
Patent: JP 2002527100-A 32 27-AUG-2002;
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PR 16-0CT-1998 US 60/104491,16-FEB-1999 US 60/120237 PI
ADRIAN WHITIY,LAURA RUNKEL,MARGOT BRICKELMAIER,PAULA HOCHWAN PC
C12N15/09,A61K38/00,A61K38/21,A61P9/00,A61P31/12,C07K14/565, PC
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 20)
Whitty,A., Runkel,L., Brickelmaier,M. and Hochman,P.
Interferon-beta fusion proteins and uses
Patent: JP 2002527100-A 12 27-AUG-2002;
BIOGEN INC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism='Homo sapiens (human)'.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.8%; Score 13.2; DB 1; Length 20; 60.0%; Pred. No. 7.8e+02; ative 5; Mismatches 3; Indels
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Key
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/organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="genomic_DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db xref="taxon:10095"
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PC COTKI9/08,
CI COTKI9/00, CI2NI/15, CI2
PC AGIX37/02, AGIX47/66
CC Interferon-beta fusion
FH Key Locath
FT source 1. 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 AGGTSMARCTGCAGSAGTCW 20
                                                                                                                                                            Homo sapiens (human)
JP 2002527100-A/12
27-AUG-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mus sp. (murine)
JP 2002527100-A/32
27-AUG-2002
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schultz621-3.rge

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1 (bases 1 to 20)
Jun,S., Eriko,T., Chika,H., Akihiro,I., Masahiro,T. and Hiroshi,H.
Immortalized human papilla pila cell and method for evaluating hair
growth stimulants with the use of the same
Patent: JP 1999089565-A 38 06-APR-1999;
SHISEIDO CO LID
OS Unidentified
PN JP 1999089565-A/38
PD 06-APR-1999
                                                                                                                                                                                                                                                                                                                                                                                                          20 bp DNA linear PAT 18-JUN-2001 Immortalized human papilla pili cell and method for evaluating hair growth stimulants with the use of the same.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (1127), (127), (1281:91), C12N5/00, C12N15/00, (C12N5/00, C12R1:91) CC Strandedness: Single, Topology: Linear;
                                         UCHIDA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HIROSHI HANDA
C12N5/10, A61K7/06, C12N15/09, C12P21/02, C12Q1/02//(C12N5/10,
    Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PI JUN SUZUKI, ERIKO TAKEOKA, CHIKA HAMADA, AKIHIRO ISHINO, MASAHIRO TAJIMA,
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                                                                                                                                                                                                                                                            Length 20;
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83.3%; Pred. No. 7.8e+02;
ative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                      Indels
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                                                                                                                                                                                                                                                         Query Match 0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
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                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                      1. .20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1..20
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                                                                                                                                          Location/Qualifiers
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JP 1999089565-A/38.
unidentified
unidentified
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Best Local Similarity
Matches 15; Conserv
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LOCUS
DEFINITION
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KEYWORDS
SOURCE
ORGANISM
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AUTHORS
TITLE
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                                                                                                                                                                                                                                                                                       JUDGEMENT OF EFFECTIVENESS OF THERAPY FOR HEPATITIS C VIRUS OF GENOTYPE 1B AND PRIMER THEREFOR PATCH: JP 1997084599-A 4 31-MAR-1997; S R E:KK
                                   Gaps
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                                  0;
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    0.8%; Score 13.2; DB 1; Length 20; 60.0%; Pred. No. 7.8e+02; tive 5; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 20;
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1 (bases 1 to 20)
Matsubara,T., Shoji,Y., Mizushima,Y. and Uchida,K.
NUCLEIC ACID COMPOUND
Patent: JP 1997286795-A 3 04-NOV-1997;
TOAGOSEI CO LID
OS None
DA Artificial sequences.
PN JP 1997286795-A/3.
                                                                                                                                                         linear
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13.3%; Pred. No. 7.8e+02;
.ve 0; Mismatches 3;
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                                                                                                                                                         DNA
                                                                                                                                                                                                                                                                                                                                              None
Artificial sequences.
JP 1997084599-A/4
31-MAR-1997
25-DEC-1995 JP 1995351006
20-ULL-1995 JP 95P 206522
ENOMOTO NOBUYUKI
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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E14235.
E14235.1 GI:5708918
JP 1997286795-A/3.
unidentified
                                                       140 AGATCAAACGGCAGCTGTCA 159
                                                                         1615 GCCACAGACCGAGGCCCC 1632
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Conservative
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JP 1997084599-A/4.
unidentified
                                                                                                                                                                                                                                                unclassified.
1 (bases 1 to 20)
                               Conservative
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Query Match
Best Local Similarity
Matches 12; Conserv
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Matches 15; Conserv
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                                                                                                                                                                  Primer.
El2868
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B14235
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ACCESSION 1
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Okamoto, H. and Nakamura, T.
Oligonucleotides and determination system of HCV genotypes
Patent: US 5427999-A 41 27-UVN-1995;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                     Unclassified.
Unclass 1 to 20)
Bos,J.L. and Van der Eb,A.J.
Probes and methods for detecting activated ras oncogenes
Patent: US 4871838-A 1 03-OCT-1989;
The Board of Rijks Universiteit Leiden;
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                                                                                  0.8%; Score 13.2; DB 1; :ilarity 83.3%; Pred. No. 7.8e+02; Conservative 0; Mismatches 3;
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83.3%; Pred. No. 7.8e+02;
tive 0; Mismatches 3;
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33.3%; Pred. No. 7.8e+02;
ve 0; Mismatches 3;
            1..20
/organism="synthetic construct"
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/db_xref="taxon:32630"
                                                                                                                                                                                                                                             Sequence 1 from Patent US 4871838.
102469
102469.1 GI:270470
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Sequence 41 from patent US 5427909.
112631
112631.1 GI:910013
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Location/Qualifiers
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/organism="unknown"
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/organism="unknown"
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Conservative
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Best Local Similarity 83.3
Matches 15; Conservative
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DEFINITION
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                                                 E35708 20 bp DNA linear PAT 18-JUN-2001 Method for judging efficacy of treatment with genotype 1b for Hapatitis C virus and primer therefor.
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                                                                                                                                                                                            Nobuyuki,E.
Nobuyuki,E.
Method for judging efficacy of treatment with genotype 1b for hepatitis C virus and primer therefor hepatitis C virus and primer therefor SRL INC
OS type C hepatitis virus
PP 1999225782-A/4
PD 24-AUG-1999
PF 09-NOV-1998 JP 1998317763
PR NOBUYUKI ENOMOTO
PC CIZNIS/09,C12Q1/68,G01N33/576,G01N33/68,C12NIS/00 CC
FF SOURCE
I. 20
FT SOURCE

//organism='type C hepatitis virus'.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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Method for detecting nucleic acid derived from Legionella pneumophila Method for detecting nucleic acid derived from Legionella pneumophila.
E59458.1 GI:18629951
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synthetic construct
artificial squences.

(bases 1 to 20)
Fighl, T., Goda, H., Hoshina, S., Tsuruoka, M. and Karube, M.
Method for detecting nucleic acid derived from Legionella
Patent: JP 2000217600-A 1 08-AUG-2000;
MASAO KARUBE,MAKOTO TSURUOKA, TOWA KAGAKU KK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0;
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Fred. No. 7.8e+02;
0; Mismatches 3; Indels
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/organism="unidentified"
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JP 2000217600-A/1
08-AUG-2000
                                                                                                          E35708.1 GI:13019180
JP 199225782-A/4.
unidentified
unidentified
unclassified.
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                     RESULT 1238
E35708/c
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                                                               DEFINITION
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PAT 07-0CT-1997
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Unclassified.
E. I (bases 1 to 20)
AS Banker,M.J. Davidson,R.E. and Pereira,D.A.
Process for detecting specific mRNA and DNA in cells
Process for detecting specific mRNA and DNA in cells
Location/Qualifiers
Location/Qualifiers
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Mitsuhashi, M. and Cooper, A.
Method for detecting Polynucleotides with immobilized
polynucleotide probes identified based on T.sub.m
Patent: US 5639612-A 597 17-UWA-1997;
                                                                   Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 20;
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Pred. No. 7.8e+02;
0; Mismatches 3; Indels
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                                                            Query Match
0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 15; Conservative 0; Mismatches 3;
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0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 15; Conservative 0; Mismatches 3;
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Sequence 597 from patent US 5639612.
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Sequence 10 from patent US 5643730.
150819
150819.1 GI:2472522
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Best Local Similarity 83.3%;
Matches 15; Conservative (
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146618.1 GI:2470583
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Unclassified.
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146618/c
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ORGANISM
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I68093/c
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Unclassified.
Unclassified.
1 (bases 1 to 20)
KourilsKy,P., Pannetier,C. and Cochet,M.
Method for describing the reportoires of antibodies (Ab) and of
T-cell receptors (TCR) of an individual's immune system
Patent: US 563354-A 12 03-JUN-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Bacterial expression vectors containing DNA encoding secretion signals of lipoproteins Patent: US 5583038-A 9 10-DEC-1996; Location/Qualifiers
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                                                                                                                                          1 (bases 1 to 20)
Wang, C.-N.J. and Wu, K.-Y.
Methods for reducing non-specific priming in DNA detection
Patent: US 5567583-A 13 22-OCT-1996;
Location/Qualifiers
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ilarity 83.3%; Pred. No. 7.8e+02;
Conservative 0; Mismatches 3;
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                        Sequence 13 from patent US 5567583.
127706
127706.1 GI:1818482
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/wol_type="unassigned DNA"
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Sequence 12 from patent US 5635354.
I44654
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Sequence 9 from patent US 5583038.
131852
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/wol_type="unassigned DNA"
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1 (bases 1 to 20)
Stover, C.K.
                                                                                                                Unknown.
Unclassified.
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Bennett, C. Frank., Dean, N.M., Cook, P. Dan. and Hoke, G.
Antisense oligomucleotides which have phosphorothioate linkages of high chiral purity and which modulate .beta.I, .beta.II, .gamma., delta., .EPSILON., .zeta. and .eta. isoforms of human protein kinase C
Patent: US 6339066-A 44 15-JAN-2002;
Patent: US 6339066-A 44 15-JAN-2002;
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1 (bases 1 to 20)

Drazen,J.M., In,K.-H., Asano,K., Beier,D. and Grobholz,J.

5-Lipoxygenase gene polymorphisms and their use in classifying patients

Patent: US 6355434-A 37 12-MAR-2002,
                                    Gaps
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ilarity 83.3%; Pred. No. 7.8e+02;
Conservative 0; Mismatches 3;
     Score 13.2; DB 1;
Pred. No. 7.8e+02;
0; Mismatches 3;
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83.3%; Pred. No. 7.8e+02;
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Sequence 37 from patent US 6355434.
AR199416.1 GI:20249490
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1. .20
/organism="unknown"
/mol_type="unassigned DNA"
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LOCUS AR204666
DEFINITION Sequence 29 from patent US 6368792.
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AR182736
AR182736.1 GI:20225943
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                                                                                                                                                             20 bp
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                                                           1661 CCCCTCACAGGGCAGCCC 1678
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Matches 15; Conservative
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Matches 15; Conservative
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Unclassified.
1 (bases 1 to 20)
Wang, C.-N.J. and Wu, K.-Y.
Kits for detecting a target nucleic acid with blocking oligonucleotides
Patent: US 5712386-A 13 27-JAN-1998;
Location/Qualifiers
                                                                                                                                                                                                                     Cuery Match 0.8%; Score 13.2; DB 1; Length 20; Best Local Similarity 83.3%; Pred. No. 7.8e+02; Matches 15; Conservative 0; Mismatches 3; Indels
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                                                         1 (bases 1 to 20)
Bennett, C. Frank. and Dean, N.
Oligonucleotide modulation of protein kinase C
Patent: US 5703054-A 44 30-DEC-1997;
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 13 from patent US 5712386.
193050
Sequence 13 from patent US 5674728.
168093
168093.1 GI:2830215
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Best Local Similarity 83.3%;
Matches 15; Conservative
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I (bases 1 to 20)
Johansen, J.T., Hyldig-Nielsen, J.J., Fiandaca, M.J. and Coull, J.M. Whohods, kits and compositions for the identification of nucleic acids electrostatically bound to matrices
Patent: US 6441152-A, 7 27-AUG-2002,
Location/Qualifiers
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Wyatt, 7.
Antisense modulation of casein kinase 2-beta expression
Patent: US 6440738-A 139 27-AUG-2002;
Location/Qualifiers
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                       Score 13.2; DB 1;
Pred. No. 7.8e+02;
0; Mismatches 3;
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Sequence 139 from patent US 6440738.
AR224680.
AR224680.1 GI:23333520
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Sequence 23 from patent US 6444463.
AR225849 AR225849.1 GI:27263992
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Sequence 7 from patent US 6441152.
AR225012.1 GI:23334133
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/mol_type="genomic DNA"
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                                                                               377 CTTCAGCCACGTCCTCGG 394
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Baker, B.F., Bennett, C.Frank. and Wyatt, J.
Antisense modulation of inhibitor of DNA binding-1 expression
Patent: US 6372433-A 70 16-APR-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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                                                                      Unclassified.

1 (bases 1 to 20)

Billing-Medel,P.A., Cohen,M., Colpitts,T.L., Friedman,P.N.,
Hayden,M., Klass,M.R., Roberts-Rapp,L., Russell,J.C. and
Stroupe,S.D.
Reagents and methods useful for detecting diseases of the
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1 (bases 1 to 20)
Bennett,C.F. and Cowsert,L.M.
Antisense modulation of calreticulin expression
Patent: US 6426220-A 46 30-UUL-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                       DNA
                                                                                                                                                              gastrointestinal tract
Patent: US 6368792-A 29 09-APR-2002;
Location/Qualifiers
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Sequence 70 from patent US 6372433.
AR206650 AR206650.1 GI:21505317
                                                                                                                                                                                                                                         /mol_type="unassigned DNA"
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AR221407
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/organism="unknown"
/wol_type="genomic_DNA"
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/organism="unknown"
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/organism="unknown"
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               GI:21502050
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Conservative
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Query Match 0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 15; Conservative 0; Mismatches 3;
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0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 15; Conservative 0; Mismatches 3;
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Popoff, I. and Cowsert, L. M.
Antisense modulation of PARP expression
Patent: US 6451602-A 344 17-SEP-2002;
Location/Qualifiers
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AR231084
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Sequence 44 from patent US 6465439.
AR237083.1 GI:27281741
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Sequence 14 from patent US 6479234.
AR252773
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/organism="unknown"
/mol_type="genomic DNA"
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                                      1 (bases 1 to 20)
Tapscott, S.J.
Neurogenic differentiation gene neurod3 and methods for inducing differentiation of cells
Patent: US 6444463-A 23 03-SEP-2002;
Location/Qualifiers
                                                                                                                                                                                                                        Gaps
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Antisense modulation of E2F transcription factor 2 expression
Patent: US 6444464-A 71 03-SEP-2002;
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Baker, B.F. and Freier, S.M.
Antisense modulation of interleukin 12 p40 subunit expression
Patent: 18 6448081-A 43 10-SEP-2002;
Location/Qualifiers
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83.3%; Pred. No. 7.8e+02;
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/mol_type="unassigned DNA"
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Sequence 71 from patent US 6444464.
AR225921
AR225921.1 GI:27264075
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AR229033.1 GI:27268175
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Best Local Similarity 83.3%;
Matches 15; Conservative
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PAT 20-DEC-2002
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Nicklin,P.L., Phillips,J.A., Love,W.G. and Hamilton,K.O.
Pharmaceutical compositions
Patent: US 6465439-A 44 15-OCT-2002,
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1108 CCCCTGACATCCTGCTT 1125
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Unclassified.

1 (bases 1 to 20)

Mezes, P.S., Richard, R.A., Johnson, K.S., Schlom, J., Kashmiri, S.V.S., Shu, L. and Padlan, B.A.

Humanized anti-tag-72 monoclonal antibodies using human subgroup 4 kappa light chains

Fatent: US 6495137-A 39 17-DEC-2002;

Patent: US 6495137-A 39 17-DEC-2002;
                                                             PAT 10-APR-2003
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Nitz,T.J. and Pevear,D.C.
Compounds, compositions and methods for treating or preventing pneumovirus infection and associated diseases
Patent: US 6495580-A 27 17-DEC-2002;
Location/Qualifiers
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llarity 83.3%; Pred. No. 7.8e+02;
Conservative 0; Mismatches 3; Indels
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0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 15; Conservative 0; Mismatches 3;
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                                                     20 bp 1
Sequence 39 from patent US 6495137.
AR266502
AR266502.1 GI:29695459
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Sequence 27 from patent US 6495580.
AR267178
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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Unclassified.
1 (bases 1 to 20)
Adema,G.J. and Figdor,C.G.
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Unclassified.
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tes 15; Conserv
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Matches 15,
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Sidransky,D.
Detection of hypermutable nucleic acid sequence in tissue and body
fluids
Sidransky, D. Detection of hypermutable nucleic acid sequence in tissue and body fluids
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Cowsert,L.M.
Antisense modulation of dual specific phosphatase 8 expression
Patent: US 6482644-A 37 19-NOV-2002;
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                                                                                                                                Score 13.2; DB 1;
Pred. No. 7.8e+02;
0; Mismatches 3;
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                                         Patent: US 6479234-A 14 12-NOV-2002;
Location/Qualifiers
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Location/Qualifiers
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Sequence 37 from patent US 6482644.
AR255978
AR255978.1 GI:27305237
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Sequence 34 from patent US 6479234.
AR252793.1 GI:27301142
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/organism="unknown"
/wol_type="mRNA"
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/wol_type="mRNA"
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/organism="unknown"
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Matches 15; Conservative
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AR255978
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ORGANISM
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Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A., Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 655224-A 3591 06-MAY-2003;
Location/Qualifiers
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Griffais, R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polymucleotides and uses thereof
                                                                                                                                         Unknown.
Unclassified.
Unclassified.
1 (bases 1 to 20)
1 (bases 1 bean, N.M., Holmlund, J.T. and Dorr, F.A. Bennett, C.F., Dean, N.M., 44 25-MAR-2003;
Location/Qualifiers
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Pred. No. 7.8e+02;
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44 from patent US 6537973.
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/organism="unknown"
/mol_type="genomic DNA"
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Sequence 3591 from patent
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AR313054.1 GI:31706480
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Best Local Similarity 83.3%;
Matches 15; Conservative
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Sequence 4
AR300816
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Melanoma associated antigenic polypeptide, epitopes thereof and vaccines against melanoma Patent: US 650919-A. 29 31-DEC-2002; Location/Qualifiers
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Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome
Patent: US 6537751-A 5836 25-MAR-2003;
Location/Qualifiers
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Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome
Patent: US 6537751-A 8572 25-MAR-2003;
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Pred. No. 7.8e+02;
0; Mismatches 3; Indels
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llarity 83.3%; Pred. No. 7.8e+02;
Conservative 0; Mismatches 3;
                                                                                                                 0.8%; Score 13.2; DB 1;
83.3%; Pred. No. 7.8e+02;
                                                                                                                                                                                                                                                                               bp DNA 6537751.
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/wol_type="genomic DNA"
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/mol_type="mRNA"
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/organism="unknown"
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AR294101
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Griffals,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 6559294-A 4963 06-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PAT 18-DEC-2003
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Watt,A.T.

Antisense modulation of Interferon gamma receptor 1 expression
Patent: US 6566132-A 22 20-MAY-2003;
Location/Qualifiers
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83.3%; Pred. No. 7.8e+02;
live 0; Mismatches 3; Indels
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0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 15; Conservative 0; Mismatches 3;
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Patent: US 6602713-A 101 05-AUG-2003;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 22 from patent US 6566132. AR336961
                                                                                                                                                                                                                                                                                  /mol_type="genomic DNA"
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AR373531.1 GI:40075660
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Best Local Similarity 83.3;
Matches 15; Conservative
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Griffals,R., Holseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Pletcher,L.D.
Chlawydia pneumoniae polymucleotides and uses thereof
Patent: US 6559294-A 4303 06-MAY-2003;
Location/Qualifiers
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0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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Sequence 4303 from patent US 6559294.
AR313766
AR313766.1 GI:31707192
Patent: US 6559294-A 3605 06-MAY-2003;
Location/Qualifiers
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US 6559294.
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/organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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                                                                                                                                                 756 AGTGTCCCTGCTCAAGGA 773
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Spear.y.C.G., Warner,M.S., Geraghty,R.J., Martinez,W.M.,
Montgomery,R.I., Cohen,G.H., Eisenberg,R.J., Whitbeck,C.J. and
Krummenacher,C.
Cellular proteins which mediate herpesvirus entry
Patent: US 661818-8.5 04-WOV-2003;
Location/Qualifiers
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83.3%; Pred, No. 7.8e+02;
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Benbett, C.F. and Watt, A.T.
Antiesnse inhibition of src-c expression
Patent: US 6656732-A 46 02-DEC-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 (bases 1 to 20)
Bennett,C.F. and Watt,A.T.
Antisense inhibition of src-c expression
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Sequence 93 from patent US 6656732.
AR437041
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                                                        AR428075 20 bp
Sequence 5 from patent US 6641818.
AR428075
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/mol_type="genomic DNA"
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/organism="unknown"
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Feitelson, J.S., Schnepf, H.E., Narva, K.E., Stockhoff, B.A.,
Schmeits, J., Loewer, D., Dullum, C.J., Muller-Cohn, J., Stamp, L.,
Morrill, G. and Finstad-Lee, S.
Plants and cells transformed with a nucleic acid from Bacillus
thuringiensis strain KB5944-6 encoding a novel SUP toxin
Patent: US 6603063-A 20 05-AUG-2003;
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Pred. No. 7.8e+02;
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llarity 83.3%; Pred. No. 7.8e+02;
Conservative 0; Mismatches 3;
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12.1; B3.3%; Pred. No. 7.8e+02;
Conservative 0; Mismatches 3
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Sequence 20 from patent US 6603063.
AR373979
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Sequence 27 from patent US 6603063.
AR373986
AR373986.1 GI:40076540
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Best Local Similarity 83.3%;
Matches 15; Conservative
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Feitelson, J.S., Schnepf, H.E., Narva, K.E., Stockhoff, B.A.,
Schmeits, J., Loewer, D., Dullum, C.J., Muller-Cohn, J., Stamp, L.,
Norrill, G. and Finstad-Lee, S.
Pesticidal toxins and nucleotide sequences which encode these
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/db_xref="taxon:9606"
1. 20
/note="splicing boundary: 1 - 10: intron ; 11
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Proteins and genes useful as tumor markers
Patent: WO 9960115-A 9 25-NOV-1999;
VLAAMS INTERUNIV INST BIOTECH (BE); LEUVEN FRED VAN
Location/Qualifiers
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33.3%; Pred. No. 7.8e+02;
tve 0; Mismatches 3;
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llarity 83.3%; Pred. No. 7.8e+02;
Conservative 0; Mismatches 3;
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Location/Qualifiers
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Sequence 116 from patent US 6656908.
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Sequence 9 from Patent W09960115.
AX010205 AX010205.1 GI:9997104

    .20
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Sequence 8 from Patent W00044786.
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Homo sapiens
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Feitelson, J.S., Schnepf, H.E., Narva, K.E., Stockhoff, B.A., Schmeits, J., Loewer, D., Dullum, C.J., Muller-Cohn, J., Stamp, L., Morrill, G. and Finstad-Lee, S.
Pesticidal toxins and nucleotide sequences which encode these
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Best Local Similarity 83.3%; Pred. No. 7.86+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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Pred. No. 7.8e+02;
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Bennett, C.F. and Watt, A.T.
Autisense inhibition of src-c expressi
Patent: US 6656732-A 155 02-DEC-2003;
Location/Qualifiers
Patent: US 6656732-A 93 02-DEC-2003;
Location/Qualifiers
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Location/Qualifiers
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AR437216
AR437216.1 GI:40202073
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/wol_type="genomic DNA"
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Best Local Similarity 83.3%;
Matches 15; Conservative
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AR437103/c
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PAT 31-MAY-2001
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Bukaryota; Metazoa, Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                        Gaps
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db xref="taxon:32630"
/nofe="besigned oligonuclectide probe for Southern hybridization"
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Pred. No. 7.8e+02;
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Mutant er_g(a) and test systems for transactivation
Patent: WO 0142307-A 133 14-UNN-2001,
Sumitomo Chemical Company, Limited (JP)
                                                                                                                                                                                                                                                             linear
                                                                                                                                                                                                                                                                                                                                                                                                                Bell,M.P., Neff,T.B., Polarek,J.W. and Seeley,T.W. Animal collagens and gelatins.
Patent: WO 0134647-A 14 17-MAX-2001;
FIBROGEN, INC. (US)
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0.8%; Score 13.2; DB 1; Length

Best Local Similarity 83.3%; Pred. No. 7.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels
                                                                                   0.8%; Score 13.2; DB 1;
83.3%; Pred. No. 7.8e+02;
tive 0; Mismatches 3;
      /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="FCR primer and probe"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 14 from Patent WO0134647.
AXI46433
AXI46433.1 GI:14284851
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Best Local Similarity 83.3%;
Matches 15; Conservative
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synthetic construct
artificial sequences.
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                                                                                Query Match 0.8
Best Local Similarity 83.3
Matches 15; Conservative
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AX167949/c
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AX146433
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD
clade; Pantcoideae; Andropogoneae; Zea.
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                                                            Novel potassium channels and genes encoding these potassium channels
Patent: WO 0044786-A 8 03-AUG-2000;
NEUROSEARCH AS (DK)
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ilarity 83.3%; Pred. No. 7.8e+02;
Conservative 0; Mismatches 3;
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1. .20
Arganism="synthetic construct"
//nol_type="unassigned DNA"
/db xref="taxon:32630"
/note="PCR primer"
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Pred. No. 7.8e+02;
0; Mismatches 3;
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Cell cycle genes and methods of use
Patent: WO 0065040-A 16.02-NOV-2000;
PIONBER HI-RED INTERNATIONAL, INC. (US)
Location/Qualifiers
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/db_xref="taxon:4577"
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Sequence 16 from Patent WO0065040.
AX040969
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                                                                                                                                                                                                                                                                                                243 CGGCAGTGACCCTGGAGA 260
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Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Barany,F., Zirvi,M., Gerry,N.P., Favis,R. and Kliman,R.
Method of designing addressable array for detection of nucleic acid
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larity 83.3%; Pred. No. 7.8e+02;
Conservative 0; Mismatches 3; Indels
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/mol_type="kunassigned DNA"
/db_xref="taxon:22630"
/note="Hypothetical Probe Sequence"
                                                                                                                                                                                                                                                                                                                              Score 13.2; DB 1;
Pred. No. 7.8e+02;
0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="texon:32630"
/note="Artificial"
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Sequence 4744 from Patent WO0179548.
     Sequence 44 from Patent EP1126025.
AX226334
AX226334.1 GI:15555598
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Matches 15; Conservative
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Matches 15; Conserv
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AX292976
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Libraries of optimum subsequence regions of mrna and genomic dna
for control of gene expression
Patent: WO 0161030-A 62 23-AUG-2001;
Cytcolonal Pharmaceutics, Inc. (US); University of Texas at
Dallas, Dept. of Molecular and Cell Biology (US); Lab. of
Experimental Carcinogenesis, National Cancer Institute/NIH (US)
Location/Qualifiers
                                                                                                                                                                                                                                                 van Roy, F., Vanlandschoot, A. and Janssens, B.

Novel chas encoding catenin-binding proteins with function in signalling and/or gene regulation.

Patent: WO 0147954-A 69 05-7UL-2001,

Vlaams Interuniversitair Instituut voor Biotechnologie vzw. (BE)
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83.3%; Pred. No. 7.88+02;
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83.3%; Pred. No. 7.8e+02;
cive 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer FVR160R"
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/db_xref="taxon:9606"
                                                                                               AX188450 20 bp
Sequence 69 from Patent W00147954.
AX188450
AX188450.1 GI:15142121
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Sequence 62 from Patent W00161030.
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AX188450/c
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Barany, F., Zirvi, M., Gerry, N.P., Favis, R. and Kliman, R. Method of designing addressable array for detection of nucleic acid sequence differences using ligase detection reaction Eatent: WO 0179548-A 7805_25-007-2001; CORNELL RESEARCH FOUNDATION, INC. (US)
                                                                                                                                                                                                                                    PAT 21-NOV-2001
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Patent: WO 0183749-A 467 08-NOV-2001;
WARNER-LAAMBERT COMPANY (US); The Monell Chemical Senses Center
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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/mol_type="unassajaned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Sequence"
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83.3%; Pred. No. 7.8e+02;
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Sequence 7805 from Patent W00179548.
AX296043
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sequence differences using ligase detection reaction Patent: WO 0179548-A 4744 25-OCT-2001, CORNELL ESEARCH FOUNDATION, INC. (US) Location/Qualifiers
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/db xref="taxon:32630"
/noEe="Hypothetical Probe Sequence"
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/organism="synthetic construct"
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Bacher, J.W., Flanagan, L. and Nassif, N. Detection of microsatellite instability and its use in diagnosis of
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                                                         Tauch, A., Binder, M., Pfefferle, W., Thierbach, G., Kalinowski, J. and
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                          Puehler, A.
Nucleotide sequence which codes for the alr gene
Patent: WO 0208406-A 20 31-JAN-2002;
Degussa AG (DE)
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0.8%; Score 13.2; DB 1;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 15; Conservative 0; Mismatches 3;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="primer ILVA2"
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/db_xref="taxon:9606"
/note="D3S2432 primer"
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Sequence 17 from Patent WO0222879.
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Location/Qualifiers
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AX412191.1 GI:21444649
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                      artificial sequences.
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Patent: WO 0188189-A 48 22-NOV-2001;
Keygene N.V. (NL)
Location/Qualifiers
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Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/note="primer"
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/mol_type="unassigned DNA"
/mole="taxon:32630"
/noEe="primer"
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Sequence 48 from Patent WO0188189.
AX304905.
AX304905.1 GI:17644584
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Squence 16 from Patent WO0192877.
AX322802. GI:18093774
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Sequence 20 from Patent WO0208406.
AX363224
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Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
Pooldeae, Triticeae, Aegilops.
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and Linnebacher,M.
Genes and their genetic products pertinent to microsatellite
instable (msi+) tumours
Patent: WO 0204664-A 11 17-JAN-2002;
Von Knebel Doeberitz, Magnus (DE)
Location/Qualifiers
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Microsatellite markers from Triticum tauschii
Patent: EP 121779-A 533 26-JUN-2002.
INSTITUT NATIONAL DE LA RECHERCHE ACRONOMIQUE (INRA) (FR)
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Query Match 0.8%; Score 13.2; DB 1; Length 20; Best Local Similarity 83.3%; Pred. No. 7.8e+02; Matches 15; Conservative 0; Mismatches 3; Indels
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Pred. No. 7.8e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="synthetic construct"
/mol type="unassigned DNA"
/db_Xref="taxon:32630"
/note="Primer"
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/mol_type="unassigned DNA"
/db_xref="taxon:37682"
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Sequence 11 from Patent WO0204664.
AX440985
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /noTe="Oligonucleotide hybridizable with a specific site of HIV-1 RNA"
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Genes and their genetic products pertinent to microsatellite
instable (msi+) tumours
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ishizuka,T., Ishiguro,T. and Saitoh,J.
Oligomucleotide for detection of hiv-1 and detection method
Patent: BP 1203826-A 108-MAY-2002;
Tosoh Corporation (JP)
Location/Qualifiers
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                                                                                                                                    0.8%; Score 13.2; DB 1; Length 20; 33.3%; Pred. No. 7.8e+02;
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/mol_type="unassigned DNA"
/mol_taxon:32630"
/noTe="primer"
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/db_xref="taxon:32630"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="FGA primer"
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Von Knebel Doeberitz, Magnus (DE)
Location/Qualifiers
                                                                                                                                                                         0; Mismatches
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Sequence 1 from Patent EP1203826.
AX429773
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 PROMBGA CORPORATION (US)
Location/Qualifiers
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synthetic construct
artificial sequences.
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Conservative
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AX429773/c
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Yeast strains autonomously producing steroids
Patent: NO 0.061109-A 49 08-AUG-2002;
Aventis Pharma S.A. (FR)
Saccharomycetales; mitosporic Saccharomycetales; Candida
                              Roemer, T., Jiang, B., Boone, C., Bussey, H. and Ohlsen, K.L. Gene disruption methodologies for drug target discovery Patent: WO 02053728-A 4350 11-JUII-2002; Blitra Pharmaceuticals, Inc. (US)
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Methods and compositions for analysis of m3 muscarinic acetyLcholine receptors.
Patent: WO 0246421-A 2 13-JUN-2002;
THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US)
Location/Qualifiers
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83.3%; Pred. No. 7.8e+02;
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83.3%; Pred. No. 7.8e+02;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="texon:32630"
/note="Synthetic"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:5476"
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Sequence 49 from Patent WO02061109.
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Sequence 2 from Patent W00246421.
AX511438
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AX511438
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ACCESSION
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                                                                                                                                                         Eukaryota, Fungi, Ascomycota, Saccharomycotina, Saccharomycetes, Saccharomycetales, mitosporic Saccharomycetales, Candida.
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Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
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83.3%; Pred. No. 7.8e+02;
tive 0; Mismatches 3; Indels
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                                           AX486781 20 bp DNA Sequence 4081 from Patent WO02053728.
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Sequence 4186 from Patent WO02053728.
AX486886
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Best Local Similarity 83.3%;
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Best Local Similarity 83.33
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Bukaryota; Metazoa, Chordata, Craniata; Vertebrata, Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                     Lin, J., Yaver, D., Foster, D. and Holly, R.
Methods for expressing endogenous genes by restriction enzyme mediated integration
Patent: WO 0236760-A 27 10-MAY-2002;
Novozymes Biotech, Inc. (US);
Location/Qualifiers
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Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 15; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                      /organism="synthetic construct"
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/nofe="Cytomegalovirus"
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Cancer Research Technology Limited (GB)
Location/Qualifiers
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/db_xref="taxon:9606"
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Sequence 10 from Patent W002057499.
AX676286
AX676286.1 GI:29333962
                                                                                         AX591958 20 bp
Sequence 27 from Patent W00236760.
AX591958
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     19 CATGACATGCTCATCAAC 2
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AX591958/c
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                                                                                                 Gaps
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Patent: Wo 0.2066113-A 190 31-OCT-2002;
Isis Innovation Limited (GB)
Location/Qualifiers
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/db_xref="taxon:32630"
/db_xref="taxon:32630"
/note="Oligonuclectide X3TDH3"
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DANA FARBER CANCER INSTITUTE (US)
Location/Qualifiers
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Sequence 190 from Patent WO02086113.
AX590750
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Sequence 164 from Patent W00236761.
AX587388
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/db_xref="taxon:32630"
/db_xref="Synthetic oligonucleotides for Vk1 assembly 468"
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llarity 83.3%; Pred. No. 7.8e+02;
Conservative 0; Mismatches 3; Indels
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83.3%; Pred. No. 7.8e+02;
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Oligonucleotide modulation of protein kinase (
Patent: EP 1310555-A 44 14-MAY-2003;
ISIS PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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83.3%; Pred. No. 7.8e+02;
ative 0; Mismatches 3;
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Patent: WO 03042247-A 159 22-MAY-2003,
Merck Patent GmbH (DE)
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Sequence 44 from Patent EP1310555.
AX774432. GI:32486084
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/note="primer sequence"
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Matches 15; Conserv
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                                                          Mealey, K.L. and Bentjen, S.A.
Mdr1 variants and methods for their use
Patent: WO 02057499-A 10 25-JUL-2002;
Washington State University Research Foundation (US)
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Pred. No. 7.8e+02;
0; Mismatches 3; Indels
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Detection of microorganisms using inducible genes
Patent: WO 02074991-A 82 26-SEP-2002;
Norchip A/S (NO)
Location/Qualifiers
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forganism="synthetic construct"

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/note="synthetic oligonucleotide"
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/note="probe"
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Sequence 19 from Patent W002083945.
AX741295.
AX741295.1 GI:30524088
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PAT 31-JAN-2002
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20 bp DNA linear PAT 31-JAN-2002
Novel pesticidal toxins and nucleotide sequences which encode these toxins.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             unidentified
unclassified.
1 (bases 1 to 20)
Feitelson, J.S., Schnepf, E.H., Narva, K.E., Stockhoff, B.A.,
Schmeits, J.L., Loewer, D., Schwab, G., Dullum, C.J., Cohn, J.M. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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                                                                                                       linear
                                                                                                                                                                                               Synthetic construct
artificial sequences.
I (hase 1 to 20)
Yanai,Y., Ariyasu,H., Ota,T. and Kurimoto,M.
DNA encoding trehalase and utilization thereof
Patent: JP 2001037491-A 16 13-FBB-2001;
KK HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO
OS Artificial Sequence
PN JP 2001037491-A/16
PP 13-FBB-2001
PP 23-MAY-2000 JP 2000151894
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BRIAN A STOCKHOFF,
PI JAMES L SCHMEITS, DAVID LOEWER, GEORGE SCHWAB,
                                                                                                  BD004315 20 bp DNA line DNA encoding trehalase and utilization thereof. BD004315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (C12N9/24, C12R1:91), C12N15/00, C12N5/00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 13.2; DB 1;
Pred. No. 7.8e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Location/Qualifiers

    .20
    ^organism="synthetic construct"
/mol_type="genomic DNA"
    /db_xref="taxon:32630"

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MYCOGEN CORP
OS Unidentified
PN JP 2001502919-A/44
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JP 2001037491-A/16.
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BD008716.1 GI:18637089
JP 2001502919-A/44.
unidentified
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20 TCCACAAACTGCTTGTCA 3
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l Similarity 83.3%;
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Best Local Similarity
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PC C12N1
C12N9/24//
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                                                                                                                                                                                                                                                                                                                                                                       /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="forward primer for amplifying exon1 of MODY3 gene"
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C12N15/09,A01K67/027,C12N1/15,C12N1/19,C12N1/21,C12N5/10,PC
                                                                                                                                                                                                                                                  Dee, Y.S., Kim, M.K. and Lee, J.N.
Multiplex PCR primer set for human hnf-lalpha gene amplification
Patent: EP 1321531-A 5 25-JUN-2003;
SAMSUNG BLECTRONICS CO. Ltd. (KR)
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BD004302

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N BD04302.1 GI:18632263

BD004302.1 GI:18632263

BD004302.1 GI:18632263

Synthetic construct

artificial sequences.

NA encoding trehalase and utilization thereof

artificial sequences.

NA encoding trehalase and utilization thereof

Patent: JP 2001037491-A 3 13-FEB-2001;

KK HAYASIBARA SIBUTSU KAGAKU KENKYUJO

NA PIGICIAL SEQUENCE

NA TATIFICIAL SEQUENCE

NA PAYASIBARA SIBUTSU KAGAKU KENKYUJO

NA ALTIFICIAL SEQUENCE

NA PAYASIBARA SIBUTSU KAGAKU KENKYUJO

NA COSTALIANAI, HARUMI ARIYASU, TSUNETAKA OTA, MASAS

PR 23-MAY-2000 JP 2000151894

PR 23-MAY-2000 JP 2000151894
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/organism="synthetic construct"
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                                                                   Sequence 5 from Patent BP1321531.
AX781618
AX781618.1 GI:32949454
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/db_xref="taxon:32630"
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Best Local Similarity 83.38
Matches 15; Conservative
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Best Local Similarity
Matches 15; Conserv
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                             RESULT 1324
AX781618/c
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BD004302/c
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Page 314

FEATURES

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Oligonucleotide modulation of protein kinase C-epsilon.
BD016035.1 GI:22557173
UP S001224386-A/44.
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artificial sequences.

I (Dases 1 to 20)
Shahetic construct
artificial sequences.

Bennett,F.C., Boggs,R.T. and Dean,N.M.
Oligonuclectide modulation of protein kinase C-epsilon
Patent: JP 2001224386-A44 21-AUG-2001;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2001224386-A44 21-AUG-2001;
PN JP 2001224386-A44 21-AUG-2001;
PN JP 2001224386-A44 21-AUG-2001
PF NJ-DEC-2000 JP 2000379218
PR 09-UTL-1993 US 08/089996,22-FEB-1994 US 08/199779 PI
PRANK C BENNETT,RUSSELL T BOGGS,MICHOLAS M DEAN PC
CIZNIS/09,A61K48/00,C12Q1/48,C12Q1/68,G01N33/15,G01N33/50, PC
G01N33/566,G01N33/573//A61K31/712,A61K31/7125, PC
A61P55/00,
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Key Location/Qualifiers
source 1..20
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Location/Qualifiers
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synthetic construct
synthetic construct
synthetic squences.

1 (bases 1 to 20)
Bennett, F.C., Boggs, R.T. and Dean, N.M.
Digonucleotide modulation of protein kinase C-zeta
Patent: JP 2001224387-A 44 21-AUG-2001;
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Pred. No. 7.8e+02;
0; Mismatches 3;

    .20
    'organism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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C12N5/10,C12N15/00,C12N5/00
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Best Local Similarity 83.3%;
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Novel pesticidal toxins and nucleotide sequences which encode these
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Teltelson,J.S., Schnepf,E.H., Narva,K.E., Stockhoff,B.A., Schmeits,J.L., Loewer,D., Schmeits,J.L., Cowab,G., Dullum,C.J., Cohn,J.M. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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PI CHARLES JOSEPH DULLUM,
PI JUDY WULLER COHN,LISA STAMP
C12D115/32,CO7K14/325,C12Q1/68,A01N63/00,C12N15/82 CC
Strandedness: Single;
CC Topology: Linear;
FH Key
Location/Qualifiers
FT source
L. 20
/organism='Unidentified',
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JABBAL S FEITELSON, ERNEST H SCHNETH E NARVA,

BRIAN A STOCKHOFF,

JUNES L SCHMEIS, DAVID LOEWER, GEORGE SCHWAB,

PI CHARLES JOSEPH DULLUM,

PI JUDY MULLER COHN, LISA STAMP

CILDINS/32, COTK14/325, C12Q1/68, A01N63/00, C12N15/82 CC

Strandedness: Single,

CC Topology: Linear;

FH Key

Location/Qualifiers

1...20

PT Source

//organism=/Unidentified',
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Location/Qualifiers
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Location/Qualifiers
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83.3%; Pred. No. 7.8e+02;
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83.3%; Pred. No. 7.8e+02;
ative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent: JP 2001502919-A 72 06-MAR-2001;
MYCOGEN CORP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2001502919-A/72
06-MAR-2001
30-OCT-1997 JP 1998520788
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1229 AACAGCTACACTTCATCT 1246
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JP 2001502919-A/72.
unidentified
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Best Local Similarity 83.37
Matches 15, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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Matches 15; Conserv
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FEATURES

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RESULT 1328 LOCUS DEFINITION

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ACCESSION VERSION KEYWORDS SOURCE ORGANISM REFERENCE AUTHORS

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PAT 27-AUG-2002
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                                                                                                                                                     08/926492 PI
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WEDICAL RESERRCH COUNCIL.
OS UD-ANDOWN
PD 25-SEP-2001
PP 15-MAR.1998 JP 1998540243
PI DARIO RENATO ALESSI
PC C12N15/54,C12N9/12,C12N5/10,C07K16/40,C12Q1/48 CC Strandedness: Single;
CC TOPOLOGY: Linear;
CC STRANDEDNESS: single
CC STRANDEDNESS: single
CC TOPOLOGY: Linear;
CC STRANDEDNESS: FINEAR;
CC STRANDE
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Human matured/activated dendritic cell expression genes.
BD083389
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       Diagnosis and treatment of glaucoma Patent: JP 2001512969-A 7 28-AUG-2001; PH UNIVERSITY OF CONNECTICUT PN 2001512269-A/7 PD 28-AUG-2001
PP 12-FEB-1998 JP 1998535963
PP 13-FEB-1997 US 08/800036,10-SEP-1997 US MANSOOR SARPRARAI
PC C12Q1/68,G01N33/50
CC Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers.
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                                                                                                                                                                                                                                                                                                                1...20
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD057888
BD057888.
GD057888.
JP 2001516218-A/3.
unidentified
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15; Conservative
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1 (bases 1 to 20)
Alessi, D.R.
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Best Local Similarity
Matches 15; Conserva'
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Best Local Similarity
Matches 15; Conserv
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DEFINITION
ACCESSION
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BD083389
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            TITLE
JOURNAL
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VERSION
KEYWORDS
SOURCE
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TITLE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OS Artificial Sequence
PN JP 2001231579-A/44
PD 28-AUG-2001
PP 13-DEC-2000 JP 2000379234
PR 09-JUL-1993 US 08/089996,22-FEB-1994 US 08/199779 PI
FRANK C BENNETT, RUSSELL T BOGGS, NICHOLAS M DEAN PC
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/organism='Artificial Sequence'. Location/Qualifiers
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                                                                                                                                                                      Length 20;
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artificial sequences.

I (bases 1 to 20)
Bennett, F.C., Boggs, R.T. and Dean, N.M.
Disjourchecide modulation of protein kinase C-eta
Petent: JP 2001231579-A 44 28-AUG-2001;
                                                                                                                                                                                                                  3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3; Indels
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                                                                                                                                                                    Score 13.2; DB 1;
Pred. No. 7.8e+02;
0; Mismatches 3;
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Pred. No. 7.8e+02;
0; Mismatches 3;
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N BD657169.1 GI:22602775

JP 2001512969-A/7.

Synthetic construct
artificial sequences.

I (bases 1 to 20)
Sarfarazi, M.
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/db_xref="taxon:32630"
                                                  1.20
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JP 2001231579-A/44.
                                                                                                                                                               Query Match
Best Local Similarity 83.3%;
Matches 15; Conservative
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ilarity 83.3%;
Conservative (
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PC A61P43/
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Best Local Similarity
Matches 15; Conserv
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PC G01N33
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                                                       source
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ACCESSION
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BD057169
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AUTHORS
TITLE
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BD085694 20-AUG-2002 Novel human delta 3 compositions and therapeutic and diagnostic uses therefor.
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JP 2001321190-A/416
20-NOV-2001
12-MAR-2001 JP 2001068285
BIICHI SOEDA
CI2NIS/09,CI2NIS/09,CI2NI/68,G0IN33/53,G0IN33/566,
                                                                                                                                                                              artificial sequences.
1 (bases 1 to 20)
Mccarthy,S.A. and Gearing,D.P.
Novel human delta 3 compositions and therapeutic and diagnostic
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MILLENNIUM PHARMACEUTICALS INC

Artificial Sequence

PN JP 2001521382-A/6

PD 06-NOV-2001

PF 06-NOV-2001

PR 04-APR-1999 UP 1998542992

PR 04-APR-1999 US 08/83253,11-JUN-1997 US 08/872855

SEAN A MCCARTHY, DAVID P GEARING

PC CI2N15/12,C07K14/47,C12N15/62,C07K16/18,A61K38/16 CC

Description of artificial sequence: primer

FH Key

I coation/Qualifiers

FT source

/organism=/Artificial Sequence'.
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Patent: JP 2001321190-A 416 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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83.3%; Pred. No. 7.8e+02;
tive 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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BD085694.1 GI:22631304
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synthetic construct
synthetic construct
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Best Local Similarity 83.34
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           Synthetic construct
Synthetic construct
artificial sequence:
I (bases I to 20)
Human matured/activated dendritic cell expression genes
to Patent: JP 201327293-A 310 27-NOV-2001;
Artificial Sequence
So Artificial Sequence
NN JP 2001327293-A 310 27-NOV-2001;
PP 27-NOV-2001
PP 22-NAY-2000 JP 2000150562
PI AND-2001 MATSUSHINA, SHINICHI HASHIMOTO, TAKUJI SUZUKI, SHIGENORI PI
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Synthetic construct

artificial sequences.

The construct

artificial sequences.

Matsushima, K., Hashimoto, S., Suzuki, T. and Nagai, S.

Human matured/activated dendritic cell expression genes

Artificial Sequence

Patent: JP 2001327293-A 322 27-NOV-2001;

APAN SCIENCE AND TECHNOLOGY CORP

OS Artificial Sequence

PN J0 2001327293-A/322

PD 27-NOV-2001

PP 22-MAY-2000 JP 2000150562

PI KOJI MATSUSHIMA, SHINICHI HASHIMOTO, TAKUJI SUZUKI, SHIGENORI PI

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Artificial Sequence: Synthesized Oligonuclectide FH Key
Location/Qualifiers.
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Artificial Sequence: Synthesized Oligonucleotide FH Key
Location/Qualifiers.
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83.3%; Pred. No. 7.8e+02;
iive 0; Mismatches 3; Indels
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 7.8e+02;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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LOCUS BD091489 27-AUG-200 bp DNA linear PAT 27-AUG-2002
DEFINITION Microplate fluorescent screening method for gene abnormality
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 W JP 2001321190-A/1706
2 20-NOV-2001
F 12-MAR-2001 JP 2001068285
C CI2N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/56, IC12N15/00
C C12N15/00
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A UP 2001221190-A/2075
D 20-NOV-2001
F 12-MAR-2001 UP 2001068285
F EITHI SOEDA
C C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,
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Patent: JP 2001321190-A 2075 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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/organism='Artificial Sequence'
Location/Qualifiers
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83.3%; Pred. No. 7.8e+02;
tive 0; Mismatches 3;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"

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    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

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ORGANISM
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JP 2001321190-A/1677
20-NOV-2001
12-MAR-2001 JP 2001068285
EIICHI SOEDA
CIIZNIS/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,
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A method of arraying genome clone
Patent: JP 2001321190-A 1677 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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A method of arraying genome clone
Patent: JP 2001321190-A 1706 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
OS Artificial Sequence
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                                                           Length 20;
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Location/Qualifiers
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                                                      th 0.8%; Score 13.2; DB 1; Similarity 83.3%; Pred. No. 7.8e+02; 15; Conservative 0; Mismatches 3;
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83.3%; Pred. No. 7.8e+02;
tive 0; Mismatches 3;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                 1643 GGCTGGAGGGATGCCACA 1660
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JP 2001321190-A/1706.
Synthetic construct
Synthetic construct
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synthetic construct
artificial sequences.
1 (bases 1 to 20)
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1 (bases 1 to 20)
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Best Local Similarity 83.33
Matches 15; Conservative
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C12N15/00
                                                        Query Match
Best Local Similarity
Matches 15; Conserv
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PD 20-NO
PF 12-MA
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PC C12N1
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/organism='Artificial Sequence'.
Location/Qualifiers
       Length 20;
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1 (bases 1 to 20)
Sidlanski,D.
Detection of neoplasia by analysis of saliva
THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
OS Artificial Sequence
PN JP 2002505888-A/46
PN JP 2002505888-A/46
PP 10-MAR-1999 JP 2000535774
PR 10-MAR-1999 US 09/038637
PI DAVID SIDLANSKI
PC CLINIS/09,C12Q1/68,C12N15/00
CC nucleotide
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BD134222
BD134222.1 GI:23229167
JP 2002505888-A/46.
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Detection of neoplasia by analysis of saliva.
BD134190. GI:23229135
JP 20025058888-A/14.
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83.3%; Pred. No. 7.8e+02;
trive 0; Mismatches 3;
   Score 13.2; DB 1;
Pred. No. 7.8e+02;
0; Mismatches 3;
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/organism="synthetic construct"
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synthetic construct
Query Match 0.83
Best Local Similarity 83.33
Matches 15, Conservative
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Yamaguchi, A., Kikuchi, K. and Nakamura, K.

Nicroplate fluorescent screening method for gene abnormality
microplate fluorescent screening method for gene abnormality
enabling convenient and economical treatment of many specimens
Datent: WO 0159124-A9 9 16-ANG-2001,
SAPPORO INMUNO DIAGNOSTIC LABORATORY, AKIHIRO YAMAGUCHI, KOKICHI
KIKUCHI, KENJI NAKAMURA
OS K-ras
PN WO 0159124-A/9
PD 16-AUG-2001
PP 09-FEB-2000 WO 2000JP000693
PP 09-FEB-2000 WO 2000JP000693
PI AKIHIRO YAMAGUCHI, KOKICHI KIKUCHI, KENJI NAKAMURA PC
CIZNIS/33, C12Q1/68, G01N33/50
CC
FH Key Location/Qualifiers.
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       enabling convenient and economical treatment of many specimens.
BD091489
BD091489.1 GI:22637100
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1 (bases 1 to 20)

Wilson, A.R. B., Buckler, A., Cardon, L., Carey, A.H., Galvin, M., Miller, A. and North, M.
Asthma-associated gene
Patent: JP 2002500895-A 255 15-JAN-2002;
AXYS PHARMACEUTICALS INC
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PI ANGELA R BROCKS WILSON, ALAN BUCKLER, LON
CARDON, ALISOUN H CAREY,
PI MARGARET GALVIN, ANDREW MILLER, MICHAEL NORTH
PC C12Q1/68, A01K67/027, C07K14/47, C12N15/09, C12N15/00 CC
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Key Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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JP 2002500895-A/255
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JP 2002500895-A/255.
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Asthma-associated gene.
BD129965
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Best Local Similarity 83.3
Matches 15; Conservative
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                                                                                                         WO 0159124-A/9.
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OS Artificial Sequence
PN JP 2002125687-A/1
PD 08-MAY-2002
PP 30-OCY-2000 JP 2000334937
PI TETSUYA ISHIZUKA,TAKAHIKO ISHIGURO,JUICHI SALTO PC
C12N15/09,C12Q1/68,G01N33/58,C12N15/00
CC Oligonucleotide capable of binding specifically to a specified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BD161948 20 bp DNA linear PAT 17-JAN-2003 Method for detecting PCR-amplified base sequence and detection kit. BD161948
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          The control of the co
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C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/50,G01N33/566, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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                             Ishizuka,T., Ishiguro,T. and Saito,J.
Oligomucleotide for detecting HIV-1 and detection method
Patent. JP 2002125687-A 1 08-MAY-2002;
TOSOH CORP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0;
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Location/Qualifiers
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83.3%; Pred. No. 7.8e+02;
ative 0; Mismatches 3; Indels
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83.3%; Pred. No. 7.8e+02;
tive 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                             Location/Qualifiers
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/organism="unidentified"
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/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Location/Qualifiers
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JP 2002176985-A/6.
unidentified
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                                                                                                                                                                                                                                                                                                                 site of
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Best Local Similarity
Matches 15; Conserv
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       REFERENCE
AUTHORS
TITLE
JOURNAL
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VERSION
KEYWORDS
SOURCE
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BD144131.
BD144131.1 GI:27849889
JP 2002125687-A/1.
synthetic construct artificial sequences.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Streptococcus pneumoniae
JP 2002504314-A/58
12-FEB-2002
30-DEC-1998 JP 2000526545
31-DEC-1997 US 60/070116
PHILIP YOUNGMAN, CHRISTLAN FRITZ, CHRISTOPHER MURPHY, LUZ MARIA
                                                                                                                                                                                                                                                              Gaps
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Location/Qualifiers
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Streptococcus pneumoniae
Bacteria; Firmicutes; Lactobacillales; Streptococcaceae;
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                                              'organism='Artificial Sequence'
                                                                                                                                                                                                    Query Match
0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 7.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
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Youngman, P., Fritz, C., Murphy, C. and Guzman, L.M.
Essential bacterial genes and their use
Patent: JP 2002504314-A 58 12-FEB-2002;
MILLENNIUM PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        C12P21/08,
C12Q1/68,G01N33/15,G01N33/50,C12N15/00
C Essential bacterial genes and their use
Fev Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:1313"
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Essential bacterial genes and their use. BD140065 BD140065.1 GI:23235010 UP 2002504314-A/58.
    Location/Qualifiers

    .20
    forganism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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                                                                      Location/Qualifiers
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15; Conservative
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                     source
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Best Local Similarity
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LOCUS
DEFINITION
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BD144131/c
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DEFINITION
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AUTHORS
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JOURNAL
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unidentified
unclassified.

In (bases 1 to 20)
Schmeits, J. Loewer, D., Dullum, C.J., Stockhoff, B.A.,
Schmeits, J., Loewer, D., Dullum, C.J., Cohn, J.M., Stamp, L.,
Morrill, G. and Lee, S.F.
Insecticidal toxins and nucleotide sequences encoding these toxins
NYCOGEN CORP
OS Unidentified
PN JP 2002513574-A 15 14-MAY-2002;
PN JP 2002513574-A/15
PD 14-MAY-1899 JP 2000547237
PR 06-MAY-1999 US 09/073898
PR 06-MAY-1999 US 09/073898
PR JEARLD S FEITELSON, ERNEST H SCHNEPF, KENNETH E NARVA, BRIAN A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BD205275 20 bp DNA linear PAT 17-JUL-2003 Insecticidal toxins and nucleotide sequences encoding these toxins.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                JAMES SCHMEITS, DAVID LOEWER, CHARLES JOSEPH DULLUM, JUDY MULLER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LISA STAMP, GEORGE MORRILL, STACEY FINSTAD LEE
CI2N15/09, A01H5/00, A01N63/00, C07K14/325, C12N5/10, C12Q1/68, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Topology: Linear;
Insecticidal toxins and nucleotide sequences encoding these
toxins.
               Primer Design
based on BST Sequence GenBank Accession Number AA281296 FH
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                           /organism='Artificial Sequence' Location/Qualifiers
                                                                                                                                                                                                                                                                                         Length 20;
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                                                                                                                                                                                                                                                                                                                                       Indels
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                                                                                                                                                                                                                                                                                 0.8%; Score 13.2; DB 1;
33.3%; Pred. No. 7.8e+02;
Ive 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 13.2; DB 1;
Pred. No. 7.8e+02;
0; Mismatches 3;

    .20
    forganism="synthetic construct"
|mol type="genomic DNA"
|db_xref="taxon:32630"

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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD205275.1 GI:33015045
JP 2002513574-A/15.
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                                                                                                                                                                                                                                                                                                        ilarity 83.3%;
Conservative
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Best Local Similarity
...^hes 15; Conserva
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Matches 15; Conserv
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PI COMPI C
            SC CC FF FF FF FF
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BD205275/c
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Vertebrate telomerase genes and proteins and uses thereof.
BD196324
BD196324.1 GI:33006094
BD196524.1 GI:33006094
JP 200251928-A/58.
Synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 20)
Kilian,A. and Bowtell,D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0
                                                                                                                                                                                PAT 16-APR-2003
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29-JAN-2002 JP 2002019752
YUSUKE NAKAMURA, TOSHIHIRO TANAKA, YOZO ONISHI, KOICHI OZAKI, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Description of Artificial Sequence:Synthesized Amplification
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PC
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12-1997 US 60/053329,04-AUG-1997 US 60/054642 PR
12-1997 US 60/053829
ANDRAZEJ KILIAN,DAVID BOWTELL
C12N15/54,C12N9/12,A61K38/45,C07K16/40,C12Q1/68,C12Q1/48,
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synthetic construct
synthetic construct
artificial sequences.

1 (base 1 to 20)
Nakamura,Y., Tanaka,T., Onishi,Y., Ozaki,K. and Yamada,A.
A method for snp typing
Patent: JP 2002300894-A 19 15-OCT-2002,
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH
OS Artificial Sequence
PN JP 2002300894-A/19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Vertebrate telomerase genes and proteins and uses thereof
Patent: JP 2002514928-A 58 21-MAY-2002;
CAMBLA BIOSYSTEMS LLC, PETER MACCALLUM CANCER INSTITUTE
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PC C12N15/09,C12Q1/68,C12N15/00
CC Description of Artificial Sequence:Primer
FF Scurce 1...20
/organism='Artificial Seq
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Pred. No. 7.8e+02;
0; Mismatches 3;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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PN JP 2002514928-A/58
PD 21-MAY-2002
PR 01-JUL-1998 JP 1999508771
PR 01-JUL-1997 US 60/053329,04-A
09-SEP-1997 US 60/058287
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1386 CCTCCTCACCAAGCTGTT 1403
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A method for snp typing.
BD177729
BD177729.1 GI:30014991
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Best Local Similarity 83.39
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PC C12N1
C12N15/11,
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BD177729/c
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2 (bases 1 to 20)
Horii,A.
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Best Local Similarity 83.3
Matches 15; Conservative
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AB067939
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AB067939/c
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DEFINITION
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           BD205282 20 bp DNA linear PAT 17-JUL-2003 Insecticidal toxins and nucleotide sequences encoding these toxins.
                                                                                 | (bases 1 to 20)
| Feitelson,J.S., Schnepf,E.H., Narva,K.E., Stockhoff,B.A., Schnetlson,J.S., Schner,D., Dullum,C.J., Cohn,J.M., Stamp,L., Morrill,G. and Lee,S.F.
| Insecticidal toxins and nucleotide sequences encoding these toxins Parent: UP 2002513574-A 22 14-MAY-2002;
| OS Unidentified
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                                                                                                                                                                                                                       Unidentified
JP 2002513574-A/22
14-MAY-2025
14-MAY-1999 JP 2000547237
06-MAY-1998 US 09/073898
JERALD S FEITELSON, ERNEST H SCHNEPF, KENNETH E NARVA, BRIAN A
                                                                                                                                                                                                                                                                                                                                                                                                                            Topology: Linear;
Insecticidal toxins and nucleotide sequences encoding these
                                                                                                                                                                                                                                                                                                                                      COHN,
LISA STAMP, GEORGE MORRILL, STACEY FINSTAD LEE
C12N15/09, A01H5/00, A01N63/00, C07K14/325, C12N5/10, C12Q1/68,
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Pred. No. 7.8e+02;
0; Mismatches 3; Indels
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Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Genomics 74 (1), 55-70 (2001)
21269192
11374902
2 (bases 1 to 20)
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                                                  BD205282.1 GI:33015052
JP 2002513574-A/22.
unidentified
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Conservative
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AB067933
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                                                                                                                                                                                                                                                                                                                                                                                /note="reverse primer for human STS sts-stSG22937 at 1p36
sts-stSG22937 obtained from clones B328M11, Human BAC
library RPCI-11"
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Horii,A.

Direct Submission

Direct Submission

Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8047)

Location/Qualifiers
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Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Madicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8875, Japan (B-mail:horii@mail.cc.tchoku.ac.jp,
Tel:81-22-717-8047)
Location/Qualifiers
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                                                                                                                                                                                                                                                     /organism="synthetic construct"
/mol_type="genomic DNA"
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Genomics 74 (1), 55-70 (2001)
21269192
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Synthetic construct DNA, reverse primer for human STS sts-stGDB:455464 at 1p36.
                                                                                                                                /note="reverse primer for human STS sts-A008N23 at 1p36 sts-A008N23 obtained from clones B72P17, B200J11, B200J12, B73C17, Human BAC library RPCI-11"
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Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Pax:81-22-717-8047)
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A BAC-based STS-content map spanning a 35-Mb region of human
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/organism="synthetic construct"
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
   Tel:81-22-717-8042, Fax:81-22-717-8047)
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Sequence 5 from patent US 6096521.
AR105275
                                                                        /mol_type="genomic DNA"
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Genomics 74 (1), 55-70 (2001)
                       Location/Qualifiers
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/mol.type="genomic DNA"
/db_xref="taxon:32630"
1. .20
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sts-D183701 obtained from clones B58A11, Human BAC library
RRCI.11"
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                 20 bp DNA linear SYN 21-MAY-2003 forward primer for human STS sts-D183701
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                                                                                                                                                                                                                                                                                                                                                                                                                           Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology, 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8572, Japan (E-mall:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8047)
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Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
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Genomics 74 (1), 55-70 (2001)
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                                     construct DNA,
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                                                                                        AB068134.1 GI:15128938
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Horii,A.
Direct Submission
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Woolf, T. Method and reagent for inhibiting the expression of disease related
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Nucleotide sequence 14 from patent number EP0238329.
A03932
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86.7%; Pred. No. 6.2e+02;
ative 1; Mismatches 1;
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Jeffreys, A.J.
Improvements in genetic probes
Patent: EP 0238329-A 14 23-SEP-1987;
IMPERIAL CHEMICAL INDUSTRIES PLC
                                                                                                                            AX636091
Sequence 3230 from Patent BP1260586.
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                                                           Unclassified.

1 (bases 1 to 15)

Haas,R., Odenbreit,S., Meyer,T.F., Blum,A. and Corthesy-Theulaz,I. Adhesin from Helicobacter pylori
Patent: US 6096521-A 5 01-AUG-2000;
Location/Qualifiers
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Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 267 29-OCT-2002;
Location/Qualifiers
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Stinchcomb.D.T., Draper,K.G. and McSwiggen,J.
Rel a targeted ribozymes
Patent: US 5658780-A 318 19-AUG-1997;
Location/Qualifiers
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100.0%; Pred. No. 5.6e+02;
iive 0; Mismatches 0;
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Sequence 267 from patent US 6472154.
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="genomic DNA"
GI:12818872
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AR241979.1 GI:27287791
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I61764.1 GI:2479712
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Intracalities:

Blatt.L., Zwick,M., Pavco,P. and Mcswiggen,J.

Blatt.L., Zwick,M., Pavco,P. and Mcswiggen,J.

Regulation of repressor genes using nucleic acid molecules

Resulation of repressor genes using nucleic acid molecules

RIBOZYME PHARMACEUTICALS INC

OS BUKRATYONE

PD 10-DEC-2002 J 2000611654

PR 12-APR-1999 US 60/129390

PI LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN PC

C122D21/02,

PC C12P21/02, C12P21/02/A6IK31/711, (C12N5/10,C12R1:91), (C12P21/02, PC
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1 (bases 1 to 17)

Yang,Y.-S., Tucker,P.W. and Capra,J.Donald.

Construction of recombinant DNA by exonuclease recession

Patent: US 5580759-A 6 03-DEC-1996;

Location/Qualifiers
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100.0%; Pred. No. 6.8e+02;
Live 0; Mismatches 0; Indels
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Location/Qualifiers
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Seguence 4302 from patent US 6346398.
AR188814
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/mol_type="unassigned DNA"
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130320.
130320.1 GI:1821111
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/organism="unidentified"
                                                                                                                                                                                                                                                                                                                                                                                                                                        /mol_type="genomic DNA"
/db_xref="taxon:32644"
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(C12N5/00,C12R1:91)
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Conservative 0;
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     PAT 21-MAR-1994
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Unknown.
Unclassified.
1 (bases 1 to 17)
1 Habener,J.F. and Stoffers,D.A.
Compositions and methods for detecting pancreatic disease
Patent: US 6274310-A 15 14-AUG-2001;
Location/Qualifiers
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YEDA RESEARCH AND DEVELOPMENT COMPANY LIMITED Location/Qualifiers
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Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels
     linear
                                                                                                                                                                                                                                        /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
     DNA
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Sequence 15 from patent US 6274310.
AR164582.1 GI:16237655
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OPSYN Oligonucleotide.
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                                                                                                                                                                                                                                                                                     Unclassified.

1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 2069 20-MAY-2003;
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100.0%; Pred. No. 6.8e+02;
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Pred. No. 6.8e+02; ; Mismatches 0;
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US 6566127.
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/mol_type="unassigned RNA"
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AR326059
AR326059.1 GI:33711867
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AR326047.1 GI:33711855
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Bscobedo, J.
Pavco, P., McSwiggent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7676 12-FEB-2002;
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Unclassified.

(bases 1 to 17)

Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.

Pavto,P., McSwiggent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346399-A 7600 12-FEB-2002;
                                                                 [ (bases 1 to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 4302 12-FEB-2002;
Location/Qualifiers
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/mol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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Sequence 7660 from patent
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Polymorphisms in the human mdr-1 gene and their use in diagnostic
and therapeutic applications
Patent: Wo 0109183-A 115 08-FEB-2001;
EPIDAUROS AG Blotechnologie Aktiengesellschaft (DE)
Location/Qualifiers
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Gu, Y. and Shannon, M.E.

Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 540 02-DEC-2003;

Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="y=c or t"
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Sequence 115 from Patent WOO109183.
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Sequence 10 from Patent WO0159103.
AX214568
AX214568.1 GI:15524611
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1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Patco, and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 656127-A 6704 20-MAY-2003;
Location/Qualifiers
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Pavco.P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 6819 20-MAY-2003;
Location/Qualifiers
                                             1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 3461 20-MAX-2003;
Location/Qualifiers
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AR329417
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Sequence 6704 from patent US
AR329302
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/organism="Homo sapiens"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 3634 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
1. 17
                                                                         Blatt,L., Mcswiggen,J. and Chowrira,B.M. Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression Patent: WO 0159103-A.10 16-AUG-2001;
RIBOZYME PHARMACHUTICALS, INC. (US); Blatt, Lawrence (US); McSwiggen, James (US); Chowrira, Bharat M. (US)
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llarity 100.0%; Pred. No. 6.8e+02;
Conservative 0; Mismatches 0;
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/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/noce="Nucleic Acid"
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Seguence 3634 from Patent W00159103.
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Sequence 250 from Patent WO0162911.
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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Method and reagent for the inhibition of calcium activated chloride channel—I (clca—I)
Patent: WO 0211674-A 966 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Ellis,J.H.
Method and reagent for the inhibition of grid
Patent: WO 162911-A 250 30-A0G-2001,
RIBOZYME PHARACEUTCALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 577 30-AUG-2001;
RIBOZYME PARAMACEUTCALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Sequence 966 from Patent WO0211674.
AX579128
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...ve 0; Mismatches
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                                                                                                                                1. .17
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/db_xref="taxon:9606"
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PAT 04-APR-2003
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
                                                                                                                                                                                                                                                                 Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                  Heinrich, G. and Kerb, R. Methods irinotecan based on UGTIA1 Methods for treatment of cancer using irinotecan based on UGTIA1 Patent: WO 03013536-A 355 20-FEB-2003; Epidauros Biotechnologie AG (DE)
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025176-A 4760 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/organism="Homo sapiens"
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                     15 GCAATGTRACTGCTG 1
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota; Metazoa, Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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0.7%; Score 13; DB 1; Length 17;
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Matches 13; Conservative 1; Mismatches 1; Indels
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Matches 13; Conservative 0; Mismatches 0; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned RNA"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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100.0%; Pred. No. 6.8e+02;
cive 0; Mismatches 0; Indels
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Molecular Engines Laboratories (FR)
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Molecular Engines Laboratories (FR)
Location/Qualifiers
AX733114 17 bp DNA Sequence 4748 from Patent W003025175. AX733114
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100.0%; Pred. No. c...
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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             Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
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1 (bases 1 to 18)
Katinger,H., Rueker,F., Himmler,G., Muster,T., Purtscher,M.,
Maiwald,G., Steindl,F. and Trkola,A.
Peptides that induce antibodies which neutralize genetically
divergent HIV-1 isolates
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Human immunodeficiency virus 1
Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate
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100.0%; Pred. No. 6.8e+02;
tive 0; Mismatches 0; Indels
                                                                                          Parent: WO 03040369-A 3253 15-WAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
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Telerman, A., Amson, R. and Tuijnder, M.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Sequence 29 from Patent EP0570357.
A36326
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Unclassified.
1 (bases 1 to 18)
Christian, P. Daniel.
Recombinant helicoverpa baculoviruses expressing heterologous DNA
Patent: US 6180098-A 20 30-JAN-2001;
Location/Qualifiers
                                  Gaps
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Katinger, H., Ruker, F., Himmler, G., Muster, T., Trkola, A.,
Purtscher, M., Maiwald, G. and Steindl, F.
Peptides that induce antibodies which neutralize genetically
divergent HIV-1 isolates
Patent: US 586664-A 29 02-FEB-1999;

Location/Qualifiers
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 0.7%; Score 13; DB 1; Length 18;
100.0%; Pred. No. 7.4e+02;
tive 0; Mismatches 0; Indels
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100.0%; Pred. No. 7.4e+02;
tive 0; Mismatches 0;
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Sequence 29 from patent US 5866694.
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Sequence 20 from patent US 6180098.
AR126220
AR126220.1 GI:14112813
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/mol_type="unassigned DNA"
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100.0%; Pre
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Unclassified.
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Unclassified.

1 (bases I to 18)
1 (bases I to 18)
Katinger, H., Ruker, F., Himmler, G., Muster, T., Trkola, A.,
Purtscher, M., Maiwald, G. and Steindl, F.
Peptides that induce antibodies which neutralize genetically divergent HIV-1 isolates
divergent HIV-1 isolates
patent: US 575664-A 29 26-MAY-1998;
Iocation/Qualifiers
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                                                                                                                    /organism="Human immunodeficiency virus 1"
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3. 7.4e+02; 1ndels
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unclassified.
1 (bases 1 to 18)
Stuyver,L., Rossau,R. and Maertens,G.
METHOD FOR TYPING AND DETECTING HBV
PACENT: NO 9740193-A 248 30-OCT-1997;
INNOGENETICS NV (BE)
 Patent: EP 0570357-A 29 18-NOV-1993;
KATINGER HERMANN W D (AT)
Other publication JP 6293797 941021
Other publication CA 2096159 931115
Other publication BE 5703577 940728
Other publication ES 2053413T 940801.
Location/Qualifiers
                                                                                                                                                                                            Query Match 0.7%; Score 13; DB Best Local Similarity 100.0%; Pred. No. 7.4 Matches 13; Conservative 0; Mismatches
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/isolate="SF170"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="unidentified"
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Sequence 29 from patent US 5756674.
AR009963
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PAT 29-SEP-1999

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1 (bases 1 to 20)
Henderson, D.Robert. and Schuur, B.Rodolph.
Tissue specific and tumor growth supperssion by adenovirus comprising presence specific antigen
Patent: US 5871726-A 27 16-FEB-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 20;
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Baracchini,E., Bennett,C.Frank. and Dean,N.M.
Bartisense oligonucleotide modulation of multidrug
resistance-associated protein
Patent: US 5801154-A 15 01-SEP-1998;
                                            Length 19;
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100.0%; Pred. No. 8.6e+02;
ative 0; Mismatches 0; Indels
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/db xref="taxon:9606"
/note="cdk1 ribozyme binding site"
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100.0%; Pred. No. 8.6e+02;
rative 0; Mismatches 0;
                                          0.7%; Score 13; DB 1;
100.0%; Pred. No. 8e+02;
tive 0; Mismatches 0
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Sequence 27 from patent US 5871726.
AR035106.1 GI:5951774
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                                                                                                        1138 TACTCCACTCAGA 1150
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AR040623/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                          Gaps
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                                                        1 (bases 1 to 18)
Katinger, H., Ruker, F., Himmler, G., Muster, T., Trkola, A.,
Purtscher, M., Maiwald, G. and Steindl, F.
Peptides that induce antibodies which neutralize genetically divergent HTV-1 isolates
Patent: US 569372-A. 29 02-DEC-1997;
Location/Qualifiers
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100.0%; Pred. No. 7.46+02;
tive 0; Mismatches 0; Indels
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Hayashizaki,Y.
Method of DNA sequencing
Patent: US 6365560-A 33 02-APR-2002;
Location/Qualifiers
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IMMUSOL, INC. (US)

    .19
/organism="Homo sapiens"
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Sequence 33 from patent US 6365350.
AR202978
AR202978.1 GI:21499245
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/wol_type="unassigned DNA"
                                                                                                                                                                              /organism="unknown"
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AX128801.1 GI:14135106
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Location/Qualifiers
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Best Local Similarity 100.0
Matches 13, Conservative
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Unclassified.
                                          Unclassified.
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Bennett, C.Frank. and Vickers, T.A.
Bennett, C.Frank. and Vickers, T.A.
Oligonuclebtide compositions and methods for the modulation of the expression of B7 protein
expression of B7 protein
Patent: US 6077833-A 620-UUN-2000;
Location/Qualifiers
                                                                                                Gaps
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                                                                                                                                                                                                                                                                                                                                                     Unclassified.

1 (bases 1 to 20)

Hall, G. Iyamichev, V.I., Mast, A.L. and Brow, M. Ann.D.
Detection of nucleic acids by multiple sequential invasive
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100.0%; Pred. No. 8.6e+02;
vative 0; Mismatches 0; Indels
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Pred. No. 8.6e+02;
0; Mismatches 0; Indels
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/organism="unknown"
/mol_type="unassigned DNA"
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AR099539
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/mol_type="unassigned DNA"
               /organism="unknown"
/mol_type="unassigned DNA"
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Sequence 62 from patent US 5994069.
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llarity 100.0%; Pr
Conservative 0;
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AR100349/c
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Bergeron, M.G., Picard, F.J., Ouellette, M. and Roy, P.H.
Bergeron, M.G., Picard, F.J., Ouellette, M. and Roy, P.H.
Species-specific and universal DNA probes and amplification primers to rapidly detect and identify common bacterial pathogens and associated antibiotic resistance genes from clinical specimens for routine diagnosis in microbiology laboratories
Fatent: US 5994666-A 199 30-NOV-1999;
Location/Qualifiers
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1 (bases 1 to 20)

Kaiser, M.W., Lyamichev, V.I. and Lyamichev, N.

Cleavage of mucleic acid acid using thermostable methoanococcus jannaschii FEN-1 endomucleases
Patent: US 5843669-A 164 01-DEC-1998;
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100.0%; Pred. No. 8.6e+02;
Live 0; Mismatches 0; Indels
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8.6e+02;
thes 0;
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1 (bases 1 to 20)
Baracchin, E. Jr. and Bennett, C.Frank.
Oligonucleotide modulation of multidrug
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Sequence 164 from patent US 5843669.
AR062084
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Location/Qualifiers
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                                                                                                                                                                                                                       /organism="unknown"
/mol_type="unassigned DNA"
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Sequence 15 from patent US 5807838.
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/organism="unknown"
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AR040623.1 GI:5959986
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Keating,M.T. and Splawski,I.
Mutations in and genomic structure of HBRG--a long QT syndrome gene
Patent: US 6207383-A 47 27-MAR-2001;
Location/Qualifiers
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  PAT 14-FEB-2001
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                                                                                            Unclassified.

1 (bases 1 to 20)
Baker, B.F., Bennett, C.Frank, Butler, M.M. and Shanahan, W.R. Jr. Antisense oligonucleotide modulation of tumor necrosis factor. alpha. (TNF- alpha.) expression
Patent: US 608680-A 80 27-JUN-2000;
                                                                                                                                                                                                                                                                                   Gaps
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Cohen, I.R. and Elias, D.
Peptides and pharmaceutical compositions comprising them
Patent: US 606314-A 9 01-AUG-2000;
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AR100349 20 bp 1
Sequence 80 from patent US 6080580.
AR100349.1 GI:12810797
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Sequence 9 from patent US 6096314.
ARI04888
ARI04888.1 GI:12818485
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/organism="unknown"
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/organism="unknown"
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BD227877 2003 Antisense oligonucleotide regulation of expression of tumor necrosis factor-alpha (TNF-alpha).
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Unclassified.
Unclassified.
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Bennett, C.Frank. and Vickers, T.A.
Oligomucleotide compositions and methods for the modulation of the expression of B7 protein
expression of B7 protein
Patent: US 6319906-A 66 20-NOV-2001;
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Baker, B.F., Bennett, C.Frank., Butler, M.M. and Shanahan, W.R. Jr.
Antisense Oligonucleotide modulation of tumor necrosis
factor-(.alpha.) (TMF-.alpha.) expression
Patent: US 6228642-A 80 08-MAY-2001;
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/organism≂"unknown"
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ARI50004
ARI50004.1 GI:15114595
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/wol_type="unassigned DNA"
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PAT 07-0CT-1996
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Baracchini, E. Jr. and Bennett, C.F.
Oligonucleotide modulation of multidrug resistance-associated
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Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 8.6e+02;
iive 0; Mismatches 0;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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1 (bases 1 to 20)
Henderson, D. Robert. and Schuur, B. Rodt
Tissus specific viral vectors
Patent: US 5698443-A 11 16-DEC-1997;
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Sequence 15 from patent US 5510239.
119634 GI:1599989
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Sequence 11 from patent US 5698443.
185754
185754.1 GI:3205472
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Patent: US 5510239-A 15 23-APR-1996;
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/organism="unknown"
/mol_type="unassigned DNA"
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Su, S.L.

Su, S.L.

Methods for the diagnosis and treatment of metastatic prostate patent: JP 2005540814-A 7 03-DEC-2002;

WMENT OS Artificial Sequence PN JP 2005540814-A/7

PD 03-DEC-2002

PF 13-APR-1999 JP 2000611075

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A61P1/18,A61P3/10,A61P17/00,A61P17/04,A61P29/00,A61P31/00, PC
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              DED227877.1 GI:33037647
JP 2002526125-A/80.
Synthetic construct
artificial sequences.
1 (bases 1 to 20)
Baker, B.F., Bennett, F.C., Butler, M.M. and Jr. W.J.S.
Antisense oligonucleotide regulation of expression of tumor necrosas factor-alpha (TNF-alpha)
Patent: JP 2002526125-A 80 20-AUG-2002;
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/organism='Artificial Sequence'.
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    /organism='Artificial Sequence'.

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G01N33/574,A61K37/02
Goscription of Artificial Sequence: primer
Description of Artificial Sequence: primer
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/db_kref="taxon:32630"
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PAT 10-APR-2003
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                                                                                        Gaps
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Patent: US 6506735-A 15 14-JAN-2003;
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                                                       0.7%; Score 13; DB 1; Length 20;
llarity 100.0%; Pred. No. 8.6e+02;
Conservative 0; Mismatches 0; Indels
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Kaiser,M.W., Lyamichev,V.I. and Lyamicheva,N.
FEN-1 endonuclease, mixtures and cleavage methods
Patent: US 655537-A 103 29-APR-2003;
Location/Qualifiers
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0.7%; Score 13; DB 1; De
Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 13; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                              AR275074 20 bp 1
Sequence 15 from patent US 6506735.
AR275074.1 GI:29708003
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/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/wol_type="genomic DNA"
               /organism="unknown"
/mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                                         Unclassified.
1 (bases 1 to 20)
MacLeod, A.R.
                                                                                                                                         13 GAGGGCTACCTGG 1
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Unclassified.
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Best Local Similarity
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AR312483/c
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Popoff, I. and Wyatt, J.
Antisense modulation of damage-specific DNA binding protein 2, p48
                                                                                                                                                                                                                                                                                               Gaps
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MacLeod,A.R.
MacLeod,A.R.

potimized antisense oligonucleotides complementary to DNA
methyltransferase sequences
Patent: US 6506735-A 8 14-JAN-2003;
    Location/Qualifiers
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100.0%; Pred. No. 8.6e+02;
ive 0; Mismatches 0;
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Location/Qualifiers
          Sequence 19 from patent US 6379960. AR208101. GI:21508030
                                                                                                                                                                                                                        /organism="unknown"
/mol_type="unassigned DNA"
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Patent: US 6506735-A 1 14-JAN-2003;
Location/Qualifiers
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AR275060.
AR275060.1 GI:29707989
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/organism="unknown"
/wol_type="genomic DNA"
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Unclassified.
1 (bases 1 to 20)
MacLeod,A.R.
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Best Local Similarity 100.0
Matches 13; Conservative
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AR208101/c
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New members of the glypican gene family

Patent: W0 9937764-A 56 29-JUL-1999;

VEUGELERS MARK PAUL DITTWAR (BE); VLAAMS INTERUNIV INST BIOTECH

(BE); DAVID GUIDO JOSEPH FRANS (BE)
                                                   Gaps
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Ma,W.-P., Lyamichev,V.I., Kaiser,M.W., Lyamicheva,N.E.,
Allawi,H.T., Schaefer,J.J. and Neri,B.P.
Enzymes for the detection of nucleic acid sequences
Patent: US 6635463-A 52 21-OCT-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0;
                   Length 20;
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0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
                  0.7%; Score 13; DB 1; Le
100.0%; Pred. No. 8.6e+02;
tive 0; Mismatches 0;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                          AR410404 20 bp | Seguence 52 from patent US 6635463. AR410404 AR410404.1 GI:40161777
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Seguence 56 from Patent WO9937764.
AX020042
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/organism="unknown"
/wol_type="genomic DNA"
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                                                                               170 GAGGTGGCCGAGG 182
                Query Match
Best Local Similarity 100.(
Matches 13; Conservative
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Griffais, R., Hoiseth, S.K., Zagursky, R.J., Metcalf, B.J., Peek, J.A.,
Sankaran, B. and Fletcher, L.D.
                                                                                                            1 (bases 1 to 20)
Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Chlamydia pneumoniae polymucleotides and uses thereof
Patent: US 6559294-A 3023 06-MAY-2003;
                                                                                                                                                          Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 6559294-A 3020 06-MAY-2003;
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o. 8.6e+02;
o; Indels
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1 (bases 1 to 20)

Kaiser,M.W., Lyamichev,V.I. and Lyamicheva,N.
FEN-I endomucleases, mixtures and cleavage methods
Patent: US 6562611-A 103 13-YAY-2003;
Location/Qualifiers
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L00.0%; Pred. No. 8.6e+02;
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 Sequence 3020 from patent US 6559294.
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US 6562611.
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Sequence 103 from patent
AR317091
AR317091.1 GI:33696327
                AR312483
AR312483.1 GI:31705909
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    PAT 10-SEP-2001
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Cold-adapted equine influenza viruses
Patent: WO 0160849-A 92 23-AUG-2001;
UNIV. OF PITISBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION
(US)
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/db_xref="caxon:32630"
/note="Synthetic Primer"
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AX225082 20 bp
Sequence 92 from Patent WO0160849.
AX225082. GI:15555155
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AX296235.1 GI:17057924
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AX317252/c
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Allawi, H., Bartholomay, C.T., Chehak, L., Curtis, M.L., Eis, P.S., Hall, J.G., ID, H.S., Kaiser, M., Kwiatkowski, R.W., Lukowiak, A.A., Lyamichev, V., Ma, W., Olson-Munoz, M.C., Olson, S.M., Schaefer, J.J., Skrzypczynski, Z., Takova, T.Y., Vedvik, K.L. and Lyamichev, N.E. Detection of rna Patent: Wo 0190337-A 255 29-NOV-2001; THIRD WAVE TECHNOLOGIES, INC. (US)
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Novel human gene relating to respiratory diseases, obesity, and inflammatory bowel disease
Patent: WO 0178894-A 81 25-OCT-2001;
Genome Therapeutics Corp. (US)
Location/Qualifiers
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/noTe="priner"
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Patent: NO 0178894-A 176 25-OCT-2001;
Genome Therapeutics Corp. (US)
Location/Qualifiers
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PAT 26-NOV-2002
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Pred. No. 8.6e+02;
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Patent: WO 02070755-A 62 12-SEP-2002;
Third Wave Technologies, Inc. (US)
Location/Qualifiers
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/db_xref="taxon:32630"
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 62 from Patent WO02070755.
AX555466
AX555466.1 GI:25898976
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Sequence 11 from Patent EP1243289.
AX546352
AX546352.1 GI:25811543
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ORGANISM
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TITLE
JOURNAL
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JOURNAL
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Bacteria, Proteobacteria, Gammaproteobacteria, Enterobacteriales,
Enterobacteriaceae, Escherichia.
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86.7%; Pred. No. 8.6e+02;
tive 1; Mismatches 1; Indels
                                                                Length 20;
                                                             ch 0.7%; Score 13; DB 1; Length 20; Similarity 100.0%; Pred. No. 8.6e+02; 13; Conservative 0; Mismatches 0; Indels
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/mol_type="unassigned DNA"
/db xref="taxon:32630"
/nofe="oligonucleotide"
                                                                                                                                                                                                                                                                                                                                                                                               Berghof, K., Grabowski, R., Groenewald, C.
Detection of pathogenic bacteria
Patent: WO 02053771-A 19 11-JUL-2002;
BIOTECON DIAGNOSTICS GMBH (DE)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Escherichia coli"
/mol_type="unassigned DNA"
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Seguence 19 from Patent WO02053771.
AX469902
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"
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Sequence 11 from Patent EP1243290.
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Location/Qualifiers
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AX546262.1 GI:25811453
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synthetic construct
artificial sequences.
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Best Local Similarity 100.
Matches 13; Conservative
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Best Local Similarity
Matches 13; Conserv
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Best Local Similarity
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C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
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E 1 (bases 1 to 20)

S Kaiser, M.W., Lyamichev, V.I. and Lyamicheva, N.

FRN-1 endoncleases, mixtures and cleavage methods

I Patent: UP 2001526526-A 97 18-DEC-2001;

THIRD WAVE TECHNOLOGIES INC

OS Artificial Sequence

PD 19-DEC-2001

PF 26-NOV-1997 UP 1998224043

PR 25-NOV-1997 UP 1998224043

PR 25-NOV-1996 US 08/758314 PC

C12Q1/34, C12Z01/44, C1ZQ1/68, C1ZQ1/68, C1ZQ1/34, C1ZN1/20 PC

C1CQ1/34, C1ZQ1/44, C1ZQ1/68, C1ZQ1/68, C1ZQ1/34, C1ZN1/20 PC

C1CQ1/34, C1ZQ1/44, C1ZQ1/68, C1ZQ1/68, C1ZQ1/34, C1ZN1/20 PC

CCTCLOL/34, C1ZQ1/44, C1ZQ1/68, C1ZQ1/44, C1ZQ1/68, C1ZQ1/44, C1ZQ1/68, C1ZQ1/44, C1Z
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                               A method of arraying genome clone
Patent: JP 2001321190-A 2413 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ЕH
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Pred. No. 8.6e+02;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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JP 2001321190-A/2413
20-NOV-2001
12-MAR-2001 JP 2001068285
BIICHI SOEDA
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                 GI:22635779
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JP 2001526526-A/97.
                         BD090169.1 GI:22635779
JP 2001321190-A/2413.
Synthetic construct
synthetic construct
artificial sequences.
I (bases 1 to 20)
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synthetic construct
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Matches 13; Conserv
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                         VERSION
KEYWORDS
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BD095884/c
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Species-specific, genue.specific and universal probes and primers for quickly detecting and identifying common bacterial and fungal pathogens and relating antibiotic tolerance genes from clinical specimens for diagnosis in microbiological laboratory

INFECTIO DIAGNOSTICS INC

PATENT: JP 2001504330-A 45 03-APR-2001;

INFECTIO DIAGNOSTICS INC

PR 04-NOV-1996

PP 04-NOV-1996

PR 04-NOV-1996

PR 04-NOV-1996

PR MICHEL JU BERGERON, FRANCOIS G PICARD, MARC WERETTO, PAUL H ROY

PR 04-NOV-1996

PR MICHEL JU BERGERON, FRANCOIS G PICARD, MARC WERETTO, PAUL H ROY

PR 04-NOV-1996

PR MICHEL JU BERGERON, FRANCOIS G PICARD, MARC WERETTO, PAUL H ROY

PR CITIS/09, CIZINI/21, CIZQ1/68/ (CIZQ1/68, CIZR1:01), (CIZQ1/68, PC
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Specific, genus-specific and universal probes and primers for quickly detecting and identifying common bacterial and fungal pathogens and relating antibiotic tolerance genes from clinical specimens for diagnosis in microbiological laboratory.
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l
Binns,M.W. and Swinburne,J.E.
Genetic typing
Patent: WO 02092851-A 311 21-NOV-2002;
PAIMAL HEALTH TRUST (GB); The British Horseracing Board (GB)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (C12Q1/68, C12R1:44), (C12Q1/68, C12R1:72), C12N15/00 CC
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JP 2001504330-A/4s.
Streptococcus salivarius
Streptococcus salivarius
Bacteria; Firmicutes; Lactobacillales; Streptococcaceae;
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5. 8.66+02; Indels
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00.0%; Pred. No. 8.6e+02;
.ve 0; Mismatches 0; Indels
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/mol_type="genomic DNA"
/db_xref="taxon:1304"
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                                                                                                                                                                  /organism="synthetic const:
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"
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Key
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CC Topology: Linear;
FH Kev
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PR 03-FEB-1999 US 09/018034

PI ROBERT A MACLEOD

PC C12N15/09, AG1K31/7088, A61K48/00, A61P35/00, C07H21/00, C12Q1/68,

PC C12N15/09 A61K31/7088, A61K48/00, A61P35/00, A61P35/00, A61P3/00, A61P3/00
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             03-FEB-1999 JP 2000530600
03-FEB-1998 US 09/018034
RCBERT A MACLEOD
C12N15/09,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,C12Q1/68,C12N15/00
01igonucleotides complementary to DNA MeTase RNA FH Key Location/Qualifiers
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0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
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/organism='Unknown'.
Location/Qualifiers
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Location/Qualifiers
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Patent: JP 2002502602-A 15 29-JAN-2002;
METHYLGENE INC
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A method of arraying genome clone.
BD176247
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2002502602-A/15.
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1 (bases 1 to 20)
Macleod, R.A.
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BD130669/c
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C12N15/09,A61K31/7088,A61K48/00,A61P35/00,C07H21/00,C12Q1/68,C12N15/00
Target for oligonucleotides complementary to DNA MeTase RNA FH
'Y Target for oligonucleotides complementary to DNA MeTase RNA FH
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L Patent: JP 202502602-A 1 29-JAN-2002,
METHYLGENE INC
OS Unknown
PN JP 2002502602-A/1
PN JP 2002502602-A/1
PR JFBB-1999 JP 2000530600
PR 03-FBB-1999 US 09/018034
PI ROBENT A MACLEOD
PC C12N15/09/A61X31/7008,A61X48/00,A61P35/00,C07H21/00,C12
PC C12N15/09
CC Target for oligonuclectides complementary to DNA MeTase
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S Macleod, R.A.

Optimized antisense oligonucleotide complementary to DNA

methyltransferase sequence

L Patent: UP 2002502602-A 8 29-JAN-2002;

NETHYLGENE INC

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PN JP 2002502602-A/8

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Optimized antisense oligonucleotide complementary to DNA
methyltransferase sequence.
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100.0%; Pred. No. 8.6e+02;
tive 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
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Location/Qualifiers
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JP 2002502602-A/1.
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JP 2002502602-A/8.
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JP 2002502602-A/8
29-JAN-2002
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1 (bases 1 to 20)
Macleod,R.A.
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BD130662/c
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87.5%; Pred. No. 6.8e+02;
ive 0; Mismatches 2; Indels
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                                                                                             Length 20;
                                                                                                                             0; Indels
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0.7%; Score 13; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 13; Conservative 0; Mismatches 0;

    16 / Organism="synthetic construct"
/mol type="unassigned DNA"
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artificial sequences.
1 (bases 1 to 16)
Barnes, S.R., Chojecki, A.J.S. and Daly, A.
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Patent: EP 0238329-A 2 23-SEP-1987;
IMPERIAL CHEMICAL INDUSTRIES PLC
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IMPERIAL CHEMICAL INDUSTRIES PLC
Location/Qualifiers
                     /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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oligonucleotide.
Al3622
Al3622.1 GI:491702
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Jeffreys, A.J.
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Mutations in and genomic structure of HBRG - a long QT syndrome
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C12N5/10,C12N5/10,C12Q1/02,C12Q1/68,G01N33/15,G01N33/50,G01N33/ PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent: JP 2002521065-A 45 16-JUL-2002;
UNIVERSITY OF UTAH RESEARCH FOUNDATION
S HOMO sapiens (human)
PN 47 202521065-A/45
PD 16-JUL-2002
PP 20-JUL-1999 JP 2000562554
PR 27-JUL-1999 US 09/122847,06-JAN-1999 US 09/226012 PI
MARK T KEATING, IGOR SPLAMSKI
PC 21.2115/09, A01K67/027, C07K14/47, C07K16/18, C12N1/15, C12N1/19,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                   Key
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Keating, M.T. and Splawski, I.

Mutations in and genomic structure of HERG - a long QT syndrome
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                                                                                                                                                                       Artificial Sequence
W0 02072815-A/47
19-SEP-2002
17-MAY-2001 W0 2001JP004139
12-MAR-2001 JP 01P 68285
EIICHI SOEDA
C12N15/09,C12Q1/68
Description of Artificial Sequence: Synthetic DNA FH
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                            /organism='Artificial Sequence'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.7%; Score 13; DB 1; Length 20;
100.0%; Pred. No. 8.6e+02;
ative 0; Mismatches 0; Indels
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                 A method of arraying genome clone
Parent: WO 02072815-A 47 19-SEP-2002;
EIICHI SOEDA,TAKESHI KUKITA
OS Arrificial Sequence
PN WO 02072815-A/47
PP 19-SEP-2002
PF 17-MAY-2001 UP 01P 68285
PI EIICHI SOEDA
PC CL2X15/09,C12Q1/68
CC Description of Arrificial Sequence:
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BD223619.1 GI:33033389
JP 2002521065-A/45.
Homo sapiens (human)
Homo sapiens
BD176247.1 GI:29121953
WO 02072815-A/47.
synthetic construct
                                              synthetic construct
artificial sequences.
1 (bases 1 to 20)
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Best Local Similarity 100.
Matches 13; Conservative
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VERSION
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AL Patent: JP 1991284697-A 1 16-DEC-1991;
AJINOMOTO CO INC
OS Artificial gene
OC Artificial sequence; Genes.
PN JP 1991284697-A/1
PF 14-SEP-1990 UP 1990245844
PR 07-FEB-1990 UP 90P 26076
PI MIWA KIYOSHI, SHIRAE HIDEYUKI, SUZUKI MANABU, TAKAHASHI TAKAKO
PC CONTX/10, C07H21/04, C07K7/08, C12N15/11, C12Q1/68, G01N33/50, PC
CC Strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No.
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 Miwa,K., Shirae,H., Suzuki,M. and Takahashi,T.
REMEDY FOR JAPANESE CRYPTMERIA POLLINOSIS AND DIAGNOSTIC DNA PROBE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 16)
Detera-Wadleigh, S.D., Yoshikawa, T., Sanders, A.R. and Esterling, L.E.
Polynucleotides encoding IMP.18p myo-inositol monophosphatase and
methods of detecting said polynucleotides
Patent: US 6458532-A 72 01-00T-2002;
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Mycobacterium tuberculosis
Bacteria; Actinobacteria; Actinobacteridae; Actinomycetales;
Corynebacterineae; Mycobacteriaceae; Mycobacterium; Mycobacterium
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                                                                                                                                                                                                                                                                                                                                                                                             Length 16;
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                                                                                                                                                                                                                                                                                                                       /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 72 from patent US 6458532.
AR233443
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                                                                                                                                                                                                                                                                                         Location/Qualifiers
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/organism≂"unknown"
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AX139181
AUTHORS
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Pred. No. 6.8e+02;
0; Mismatches 2; Indels
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                                                                                                                                                unclassified.

1 (bases 1 to 16)

Brysch, w and Schlingensiepen, K.

AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD PATENT: WO 9833904-A 1364 06-AUG-1998;

BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)

Location/Qualifiers
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Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
PATENT: WO 9833904-A 1666 06-AUG-1998;
BIOGNOSTIK GES (DE), BRYSCH WOLFGANG (DE)
LOCATION/Qualifiers
                                   16 bp Dl A89216. 16.6737786
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      l6 bp D. Sequence 1666 from Patent W09833904. A89518. GI:6738088
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/organism="unidentified"
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/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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JP 1991284697-A/1.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 16)
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Best Local Similarity
Matches 14; Conserv
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A89216/c
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A89518/c
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Generation of human cytomegalovirus yeast artificial chromosome recombinants
Patent: WO 2057437-A 23 25-JUL-2002;
The Scripps Research Institute (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Blanche, F. and Cameron, B. Methods for purifying and detecting double stranded dna target sequences by triple helix interaction Patent: WO 02077274-A, 7 03-OCT-2002; Aventis Pharma S.A. (FR)
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87.5%; Pred. No. 6.8e+02;
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Human herpesvirus 5
Viruses; dsDNA viruses, no RNA stage; Herpesviridae;
Betaherpesvirinae; Cytomegalovirus.
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                                    /mol_type="unassigned DNR"
/db_xref="taxon:2x630"
.note="Beschreibung der kunstlichen
Sequenz:Restriktlonsschnittstelle Sfi D"
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/mol_type="unassigned DNA"
/db_xref="taxon:10359"
                       organism="synthetic construct"
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/mol_type="unassigned DNA"
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Homo sapiens
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Best Local Similarity 87.5
Matches 14; Conservative
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Cloning system used in the construction of homologous recombination
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                             Suzuki,Y., Nishida,M. and Takenishi,S.
Kit for diagnosis of tubercle bacilli
Patent: EP 1076099-A 29 14-FEB-2001;
NISSHINBO INDUSTRIES, INC. (JP) ; System Research Incorporation
                                                                                                                                                                                                                                                                                  Gaps
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Best Local Similarity 87.5%; Pred. No. 6.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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/mol_type="unassigned DNA"
/mol_type="taxon:32630"
/mofe="Beschreibung der kunstlichen
Sequenz:Restriktionsschnittstelle Sfi C"
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/organism="Mycobacterium tuberculosis"
/mol_type="unassigned DNA"
/db xref="taxon:1773"
/noTe="capture"
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Pred. No. 6.8e+02;
0; Mismatches 2;
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Patent: WO 0175127-A 9 11-CCT-2001;
Ingenium Pharmaceuticals AG (DE)
Location/Qualifiers
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Ingenium Pharmaceuticals AG (DE)
Location/Qualifiers
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Sequence 8 from Patent W00175127.
AX268359.1 GI:16541577
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AX268360/c
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An antisense oligomucleotide preparation method
Data antisense oligomucleotide preparation method
Brochnostr GesellsChaft FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS Unknown
PD 07-AUG-2001
PP 30-JAN-1999 JP 1998532533
PR 31-JAN-1999 EP 97101531.8
PR 31-JAN-1997 EP 97101531.8
PR 31-JAN-1997 EP 97101531.8
PR 31-JAN-1997 EP 97101531.8
CC 2NN-5/11/CORHAL/04, A61K31/70
CC An antisense oligonucleotide preparation method FH Ke
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07-AUG-2001
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11, C07H21/04, A61K31/70
An antisense oligonucleotide preparation method FH
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1 (bases 1 to 16)
Schlingensiepen, K.H. and Brysch, W.
An antisense oligonoucleotide preparation method
Patent: JP 2001511000-A 1666 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
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31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11,C07H21/04,A61K31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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JP 2001511000-A/1666.
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Location/Qualifiers
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THORS SUZUKi.S. Mishda, M. and Takenishi, S. Diagnosis kit of tubercle bacillus

TRNAL PARENTE SUO1103981-A 29 17-ARR-2001;

NT SHINBO IND INC, SYSTEM RESEARCH CO LTD

NT SADAHINBO IND SUC, SYSTEM RESEARCH CO LTD

PP 26-ULL-2000 JP 2000225985

PP 26-ULL-2000 JP 200022598
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BD013465.1 GI:2553779
BD011019981-A/29.
Mycobacterium tuberculosis
Mycobacterium tuberculosis
Mycobacterina tuberculosis
Bacteria, Actinobacteria, Actinobacteridae, Actinomycetales,
Corymabacterinae, Mycobacteriaceae, Mycobacterium, Mycobacterium
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Generation of human cytomegalovirus yeast artificial chromosome recombinants
Patent: WO 02057437-A 60 25-JUL-2002;
The Scripps Research Institute (US)
Location/Qualifiers
  Gaps
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/organism='Mycobacterium tuberculosis'.
Location/Qualifiers
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/organism="Mycobacterium tuberculosis"
/mol type="genomic DNA"
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17.5%; Pred. No. 6.8e+02;
.ve 0; Mismatches 2;
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/organism="Human herpesvirus.
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/db_xref="taxon:10359"
  Mismatches
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Sequence 60 from Patent WO02057437.
AX686183
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Diagnosis kit of tubercle bacillus.
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Conservative
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Human herpesvirus
Conservative
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Best Local Similarity
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PAT 29-SEP-1999
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Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and
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Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T. C-myb ribozymes having 2'-5'-linked adenylate residues Patent: US 5817796-A 1337 06-OCT-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Draper.K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 1675 17-NOV-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.7%; Score 12.8; DB 1; Length 17; Best Local Similarity 87.5%; Pred. No. 7.5e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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/organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
                  1058 CAATCCCAACAAGAC 1073
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JOURNAL
FEATURES
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16s Ribosomal RNA nucleotide fragments from coryne-bacteria, probes and primers derived therefrom, reagent and method for detection Patent: BP 0745691-A 28 04-DBC-1996, BIO MERIEUX (FR)

Other publication FR 2733755 961108

Other publication CA 2175515 961104.
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                                                                                                                                                                                                                                                                                                                             linear
                                organism='Unknown'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent: FR 2679252-A 36 22-JAN-1993;
Location/Qualifiers
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/organism="unidentified"
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Sequence 28 from Patent EP0745691.
A58019
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/organism="unidentified"
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/do_xref="taxon:32644"
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Location/Qualifiers
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synthetic construct
artificial sequences.
1 (bases 1 to 17)
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Best Local Similarity
Matches 14; Conserva
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A58019/c
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                                                                                                                                                                                            Unknown.
Unclassified.
I (bases 1 to 17)

Klinger,K., Burn,T., Connors,T., Dackowski,W., Germino,G., Qian,F. and Landes,G.
Polycystic kidney disease gene and protein
Patent: US 6071717-A 8 06-JUN-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unclassified.

1 (bases 1 to 17)

1 (bases 1 to 17)

and Landes.G. DannyT., Connors,T., Dackowski,W., Germino,G., Qian,F. and Landes.G.

Polycystic kidney disease gene and protein

Patent: US 6071177-A 57 06-JUN-2000;

Location/Qualifiers
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                                                                                                         DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 57 from patent US 6071717. AR097349. GI:12806079
                                                                                                                                                                                                                                                                                                                                     /organism="unknown"
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Sequence 8 from patent US 6071717.
AR097331.1 GI:12806061
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   269 CACGTGCTGCTCGTGG 284
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1 (Dases 1 to 17)
Allibert,P.Ander, Cros,P., Mach,B.Francois., Mandrand,B.Fabien.
and Thercy,J.-M.
System of probes enabling HLA-DR typing to be performed, and typing method using said probes
Patent: US 5976789-A 14 0.2.NOV-1999;
Location/Qualifiers
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(bases 1 to 17) mm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
                                                                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 17)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
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                                       Disposition adhesion molecule-1 (ICAM-1) ribozymes Patent: US 5837542-A 1692 17-NOV-1998; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Draper, K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 1973 17-NOV-1998;
                                                                                                                                                  Query Match 0.7%; Score 12.8; DB 1; Length 17; Best Local Similarity 87.5%; Pred. No. 7.5e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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Sequence 14 from patent US 5976789.
AR082801.
AR082801.1 GI:10009591
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/organism="unknown"
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/wol_type="unassigned DNA"
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           Grimm, S., St
Draper, K.G.
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BU254843 17-JUL-2003 Regulation of repressor genes using nucleic acid molecules. BD254843
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Regulation of repressor genes using nucleic acid molecules FH Location/Qualifiers
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PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT,MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN
C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61E433/00,C12N5/10, PC
Gaps
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unclassified.
1 (Dass 1 to 17)
Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
Blatt,L., Zwick,M., Pavco,P. and mcswiggen,J.
Regulation of repressor genes using nucleic acid molecules
Patent: JP 202541795-A 2636 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
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Unclassified.
1 (bases 1 to 17)
Draper, K.G., Kisner, D.L., Anderson, K.P. and Chapman, S. Composition and method for treatment of CWV infections Patent: US 6153595-A 29 28-NOV-2000;
Location/Qualiflers
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Location/Qualifiers
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87.5%; Pred. No. 7.5e+02;
vative 0; Mismatches 2;
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/organism="unknown"
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 Mismatches
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Sequence 29 from patent US 6153595.
AR120025
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2002541795-A/2636
10-DEC-2002
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Unclassified.
Unclassified.
I (bases 1 to 17)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
Ribozyme treatment of diseases or conditions related to levels of
intercellular adhesion molecule-1 (ICAM-1)
Patent: US 613267-A 1973 17-OCT-2000;

Location/Qualifiers
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Patent: US 6132967-A 1692 17-OCT-2000;
Location/Qualifiers
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   1 (bases 1 to 17)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K.G.
Ribozyme treatment of diseases or conditions related to levels
intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967-A 1675 17-OCT-2000;
Location/Qualifiers
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Unclassified.
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1 (masses 1 to 17)
Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.
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US 6132967.
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/mol_type="unassigned DNA"
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Sequence 1692 from patent
AR115246
AR115246.1 GI:14095568
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87.5%;
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DNA linear PAT 17-JUL-2003 Regulation of repressor genes using nucleic acid molecules. BD256613
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PC (C12P21/02,C12R1:91), (C12P21/02,C12R1:91),C12N15/00,C12N5/00,
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CC Regulation of repressor genes using nucleic acid molecules FH (Key
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                                             PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLAFT MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN
C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61EP43/00, C12NS/10, PC
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PN JP 200224195-A/4406
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAMRENCE BLATA MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN
C12N15/09,A61K38/00,A61K48/00,A61P43/00,A61P2/10, PC
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Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Blatt, L., Twick, M., Pavco, P. and Mcswiggen, J.
Pegulation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 4406 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
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ilarity 87.5%; Pred. No. 7.5e+02;
Conservative 0; Mismatches 2;
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/organism="unidentified"
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/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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               JP 2002541795-A/4405
10-DEC-2002
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(C12N5/00,C12R1:91)
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JP 2002541795-A/4406.
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Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
Regulation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 4405 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
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tive 0; Mismatches 2; Indels
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           Score 12.8; DB 1;
Pred. No. 7.5e+02;
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/organism="unidentified"
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/db_xref="taxon:32644"
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(C12N5/00,C12R1:91)
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             0.7%;
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Blatt,L., Zwick,M.,
          Query Match
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Matches 14; Conservative
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C12R1:91),
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PC (C12R21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,
PC A61K37/02,
PC (C12N5/00,C12R1:91)
CC Regulation of repressor genes using nucleic acid molecules FH
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PD 10-DEC-2002
PD 10-DEC-2000 JP 2000611654
PR 12-ARR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN I C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLAIT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN 12:1015/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC C12P21/02,
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Patent: JP 2002541795-A 6122 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
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Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
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Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2;
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Pred. No. 7.5e+02;
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/organism="unidentified"
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/db_xref="taxon:32644"
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/db_xref="taxon:32644"
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BDŽ58329.1 GI:33068099
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Best Local Similarity 87.5%;
Matches 14; Conservative (
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Regulation of repressor genes using nucleic acid molecules FH Location/Qualifiers
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PD 10-DEC-2002
PF 11-APR-1999 US 60/129390
PR 12-APR-1999 US 60/129390
C12N15/09.AG1K38/00,AG1K48/00,AG1P43/00,C12N5/10, PC C12P21/02,
                                                                                                                                                                                                                                                                       AUTHORS Blatt, L. Zwick, M., Pavco, P. and Mcswiggen, J.
AUTHORS Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
FIGH Regulation of repressor genes using nucleic acid molecules OURNAL Patent: JP 2002541795-A 4853 10-DEC-2002;
FIND SEMEATOR PHARMACEUTICALS INC
THY OS Bukaryore PARMACEUTICALS INC
FIND JP 2002541795-A/4853
PP 11-APR-2000 JP 20029
PP 11-APR-2000 JP 2009
PP 11-APR-2009
PP 11-APR-2000 JP 2009
PP 11-APR-2009
PP 11
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Regulation of repressor genes using nucleic acid molecules.
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Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
Sequlation of repressor genes using nucleic acid molecules Patent: JP 2002541795-A 4864 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
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ilarity 87.5%; Pred. No. 7.5e+02;
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Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2002541795-A/4854
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JP 2002541795-A/4854.
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                                                                                                                                                                                                                                                                                                                                                                               Unknown.
Unclassified.
1 (bases 1 to 17)
Anderson,K., Draper,K. and Baker,B.
Anderson,E., Draper,K. and Jaker,B.
Oligonucleotides for modulating the effects of cytomegalovirus infections
Patent: US 5442049-A 29 15-AUG-1995,
Location/Qualifiers
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I (bases 1 to 17)
Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T. C-myb targeted triboxymes
Patent: US 546042-A 1337 08-UUL-1997;
Location/Qualifiers
      Length 17;
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Query Match 0.7%; Score 12.8; DB 1; Best Local Similarity 87.5%; Pred. No. 7.5e+02; Matches 14; Conservative 0; Mismatches 2;
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Sequence 29 from patent US 5442049.
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/organism="unknown"
/wol_type="unassigned DNA"
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Sequence 6 from patent US 5654170.
159647.
159647.1 GI:2478279
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I59647
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    /organism='Artificial sequences' FT
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                                                                                                                                                                                                                                                                                      unidentified
unidentified
unclassified.
1 (bases 1 to 17)
Some, H., Tomizuka, K., Suda, N. and Iwamatsu, A.
YEAST PROMOTOR
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KIRIN BREWERY CO LTD
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(Dases 1 to 17)
Scandella,D.H. and McKenney,K.H.
Novel hybrid regulatory region
Patent: EP 0138437-A2 6 24-APR-1985;
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/wol_type="unassigned DNA"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                       E10535
Probe for cloning Lg-CSP1 gene.
E10535 G1:22027368
JP 1996009977-A/3.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Artificial sequences.
UP 1996009977-A/3
16-JAN-1996
04-JUL-1994 JP 1994152346
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hypothetical: No;
anti-sense: No;
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                         161 TGACACTCCGAGGTGG 176
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CO Artificia
DO 16-JAN-15
PF 04-JUL-19
PF 07-JUL-19
PC C12N15/05
CC C12N15/05
CC Strandedt
CC topology:
CC hypothetic
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Unclassified.
I (bases 1 to 17)
I (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Patco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Patch and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 7577 12-FEB-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                     Theres 1 to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 4361 12-FEB-2002;
Location/Qualifiers
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Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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87.5%; Pred. No. 7.5e+02;
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AR192089.1 GI:20238054
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US 6346398.
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AR192090.1 GI:20238055
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Unclassified.

I (bases 1 to 17)

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1 vesyco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Pavco, P., McSwiggen, T. the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 1996 12-FEB-2002;

Location/Qualifiers
                                                1 (bases 1 to 17)
Klinger, K.W., Landes, G.M., Burn, T.C., Connors, T.D., Dackowski, W., Germino, G. and Qian, F.
Germino, G. and Aisease gene
Polycystic kidney disease gene
Patent: US 5654170-A 6 US-AUG-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Tosses 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Rathod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 1831 12-FEB-2002;
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Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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87.5%; Pred. No. 7.5e+02;
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AR186343
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Matches 14; Conservative
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Unclassified.
1 (bases 1 to 17)
Zwick, M.G., Edington, B.E., McSwiggen, J.A., Merlo, P.Ann.Owens., Guo, L., Skokut, T.A., Young, S.A., Folkerts, O. and Merlo, D.J.
Nucleic acid encoding delta-9 desaturase
Patent: US 6350934 A 226 26-FEB-2002;
Location/Qualifiers
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E 1 (Dases I to 17)

S Bigglaman.L. Burgin,A., Beaudry,A., Karpeisky,A., Matulic-Adamic,U., Sweedler,D. and Zinnen,S.
Synthetic ribonucleic acids with RNAse activity
ALL Patent: US 6526640-A 477 04-MAR-2003;
Location/Qualifiers
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Sequence 691 from patent US 6528640.
AR286319
AR286319.1 GI:29723915
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 477 from patent US 6528640.
AR286105
AR286105.1 GI:29723701
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Seguence 226 from patent US 6350934.
AR195761
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/mol_type="unassigned RNA"
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                     214 ATAGGCCTGGATGAGA 229
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Unclassified.
1 (bases 1 to 17)
0 (Mahony, D.J. and Cagney, G.
Composition and method for enhancing paracellular transport across composition and method for enhancing paracellular transport across cell layers
Patent: US 6346613-A 5 12-FEB-2002;
Location/Qualifiers
                            l (bases I to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 7578 12-FEB-2002;
Location/Qualifiers
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 7626 12-FFB-2002;
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87.5%; Pred. No. 7.5e+02;
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Sequence 7626 from patent US 6346398.
                                                                                                                                             /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Sequence 5 from patent US 6346613.
AR193420
AR193420.1 GI:20239385
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AR192138.1 GI:20238103
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1 (bases 1 to 17)

1 (bases 1 to 17)

2 Acroo, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 2128 20-MAY-2003;

Location/Qualifiers
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(Dases 1 to 17)

Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 656127-A 3773 20-MAY-2003;

Location/Qualifiers
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87.5%; Pred. No. 7.5e+02;
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Sequence 3374 from patent US 6566127.
AR325972.1 GI:33711780
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Sequence 2128 from patent US 6566127.
AR324726
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Sequence 3373 from patent US 6566127.
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/organism="unknown"
/mol_type="unassigned RNA"
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1 (bases 1 to 17)

Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 376 20-MAY-2003;
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Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 541 20-MAY-2003;
Location/Qualifiers
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              (bases 1 to 17)

Beigelman, L., Burgin, A., Beaudry, A., Karpeisky, A., Batulio-Adamic, J., Sweedler, D. and Zinnen, S.
Synthetic ribonucleic acids with RNAse activity
Patent: US 6528640-A 691 04-MAR-2003;
Location/Qualifiers
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87.5%; Pred. No. 7.5e+02;
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Sequence 376 from patent US 6566127.
AR322974
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1 (bases 1 to 17)

Pavo.P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Pavo.P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 4834 20-MAY-2003;

Location/Qualifiers
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1 (bases 1 to 17)

1 (bases 1 to 17)

2 w.Swiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 5010 20-MAY-2003;
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Sequence 5010 from patent US 6566127.
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US 6566127.
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Sequence 4834 from patent US 6566127.
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/mol_type="unassigned RNA"
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PavCo.P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
PavCo.P., McSwiggen, for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 3418 20-MAY-2003;
Location/Qualifiers
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Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 4833 20-MAX-2003;
Location/Qualifiers
               Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Bscobedo, J. McLhod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 3374 20-MAY-2003;
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ttive 0; Mismatches 2;
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87.5%; Pred. No. 7.5e+02;
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Sequence 4833 from patent US 6566127.
AR327431
AR327431.1 GI:33713239
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/organism="unknown"
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Best Local Similarity 87.5
Matches 14; Conservative
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Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Rathod and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 6679 20-MAY-2003;
Location/Qualifiers
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Bavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endethelial growth factor receptor Patent: US 6566127-A 6680 20-MAY-2003;
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Beigelman,L., Burgin,A.B., Beaudry,A., Karpeisky,A.,
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87.5%; Pred. No. 7.5e+02;
tive 0; Mismatches 2;
                                                                                 Sequence 6679 from patent US 6566127. AR329277
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Sequence 6680 from patent US 6566127.
AR329278
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/mol_type="unassigned RNA"
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Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 656612-A 5121 20-MAY-2003;
Location/Qualifiers
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1 (bases 1 to 17)

Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 5122 20-MAY-2003;
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J. Mcthod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 5011 20-MAY-2003;
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87.5%; Pred. No. 7.5e+02;
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/organism="unknown"
/mol_type="unassigned RNA"
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/mol_type="unassigned RNA"
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                                                                                                       organism="unknown"
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Sequence 5121 from patent
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AR327719.1 GI:33713527
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1 Similarity 87.5%; Pred. No. 7.5e+02;
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1 (bases 1 to 17)

Gu.Y. and Shannon, M.E.

Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 126 02-DEC-2003;

Location/Qualifiers
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Gu, Y. and Shannon, M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 125 02-DEC-2003;
Location/Qualifiers
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Gu, Y. and Shannon, M.E.
Isoforms of human pregnancy-associated protein-B
Patent: US 6656700-A 124 02-DEC-2003;
Location/Qualifiers
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AR433703
AR433703.1 GI:40196546
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Sequence 124 from patent US 6656700.
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Sequence 125 from patent US 6656700.
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AR433702.1 GI:40196545
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AR433701.1 GI:40196544
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Akhtar,S., Fell,P. and McSwiggen,J.A.
Enzymatic nucleic acid treatment of diseases of conditions related to levels of epidermal growth factor receptors
Patent: US 6623962-A 637 23-SEP-2003;
Location/Qualifiers
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Unclassified.
Unclassified.
Beigelman, L., Burgin, A.B., Beaudry, A., Karpeisky, A., Matulic-Adamic, J., Sweedler, D. and Zinnen, S.
Oligoribonucleotides with enzymatic activity
Patent: US 6617438-A 690 09-SEP-2003;
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87.5%; Pred. No. 7.5e+02;
tive 0; Mismatches 2; Indels
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87.5%; Pred. No. 7.5e+02;
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87.5%; Pred. No. 7.5e+02;
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Matulic-Adamic, J., Sweedler, D. and Zinnen, S. Oligoriboniclectides with enzymatic activity Patent: US 6617438-A 476 09-SEP-2003, Location/Qualifiers
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Seguence 690 from patent US 6617438.
AR398309
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/organism="unknown"
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Best Local Similarity 87.5'
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Best Local Similarity
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AR402297/c
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 717 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 3473 16-AUG-2001;
RIBOZYME PHARMCEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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                                                                                             (bases 1 to 17)

Gu, Y. and Shannon, M.E.

Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 577 02-DEC-2003;

Location/Qualifiers
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Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2;
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/db_xref="taxon:32630"
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Seguence 3473 from Patent W00159103.
AX218031
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Sequence 717 from Patent W00122972.
AX104525
AX104525.1 GI:13920722
                                                                                                                                                                                                 /organism="unknown"
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                    GI:40196997
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Gu, Y. and Shannon, M.E.
Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 574 02-DEC-2003;
Location/Qualifiers
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Gu, Y. and Shannon, M.E.
Isoforms of human pregnancy-associated protein-B
Patent: US 6656700-A 127 02-DEC-2003;
Location/Qualifiers
                                                             0.7%; Score 12.8; DB 1;
ilarity 87.5%; Pred. No. 7.5e+02;
Conservative 0; Mismatches 2;
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Sequence 574 from patent US 6656700.
AR434151
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Patent: WO 0157206-A 1018 09-AUG-2001;
RIBOZYME PHARMACEUTICLLS, INC. (US) ; Fattaey, Ali R. (US)
Location/Qualifiers
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Patent: WO 0157206-A 1088 09-AUG-2001;
RIBOZYME PHARKACEUTICALS, INC. (US); Fattaey, Ali R.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                   /organism="synthetic construct"
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/db_xref="taxon:32630"
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/mol type="unassigned RNA"
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Seguence 1018 from Patent WO0157206.
AX227646
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Sequence 731 from Patent WO0173002.
AX263340 AX263340.1 GI:16512139
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artificial sequences.
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Patent: WO 0157206-A 607 09-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R. (US)
Location/Qualifiers
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Patent: WO 0157206-A 78 09-AUG-2001,
RIBOZYME PHARMACEUTICALS, INC. (US) ; Fattaey, Ali R.
Location/Qualifiers
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87.5%; Pred. No. 7.5e+02;
active 0; Mismatches 2; Indels
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87.5%; Pred. No. 7.5e+02;
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87.5%; Pred. No. 7.5e+02;
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/mol type="unassigned RNA"
/db_xref="taxon:32630"
             /organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/note="Nucleic Acid"
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/db_xref="taxon:32630"
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Sequence 607 from Patent W00157206.
AX227235
AX227235.1 GI:15556376
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Best Local Similarity 87.5<sup>5</sup>
Matches 14, Conservative
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Best Local Similarity
Matches 14; Conserv
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PAT 29-OCT-2001
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 209 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002.A 4095 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
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Sequence 4095 from Patent WO0173002.
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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Seguence 209 from Patent WO0162911.
AX272640
                                                                                   /mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                 /organism="Homo sapiens"
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonuclectides
Patent: Wo 0173002-A 4094 04-OCT-2001;
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Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: Wo 0173002.A 732 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
                                                                                                        Kmiec,E.B., Gamper,H.B. and Rice,M.C.
Targeted chromosomal genomic alterations with modified single
stranded oligonucleotides
Patent: WO 0173002-A 731 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
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Sequence 732 from Patent WO0173002.
AX263341
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/organism="Homo sapiens"
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Homo sapiens (human)
                       Homo sapiens
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RESULT 1521 AX263341/c

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RESULT 1522 AX266703

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RESULT 1525 AX272790/c LOCUS DEFINITION

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/mol_type="unassigned DNA"
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                                                                                                            Schreiber, S., Hampe, J. and Mascheretti, S. Diagnostic use of polymorphisms in the gene coding for the tnf receptor II and method for detecting non-responders to anti-tnf
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Methods for enhancing antibody-induced cell lysis and treating cancer.
Patent: WO 0197843-A 333 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2;
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/nofe="Reverse Primer"
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Patent: EP 1172444-A 22 16-JAN-2002;
Conaris Research Institute GmbH (DE)
Location/Qualifiers
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Seguence 1239 from Patent WO0188124.
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Sequence 333 from Patent WO0197843.
AX355305.
AX355305.1 GI:18619973
     17 bp
Sequence 22 from Patent EP1172444.
AX347989
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                  Jarvis, T., von Carlowitz, I., Mcswiggen, J.A., Hamblin, P.A. and Ellis, J.H.
Method and reagent for the inhibition of grid
Patent: WO 0162911-A 359 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Method and reagent for the inhibition of grid
Patent: WO 0162911-A 520 30-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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87.5%; Pred. No. 7.5e+02;
ative 0; Mismatches 2; Indels
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 Mismatches
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/organism="Homo sapiens"
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Seguence 520 from Patent W00162911.
AX272951
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/db_xref="taxon:9606"
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AX272790.1 GI:16545527
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Best Local Similarity 87.5
Matches 14; Conservative
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Best Local Similarity
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Human kidney tumor overexpressed membrane protein 1
Human kidney tumor overexpressed membrane protein 1
Human kidney tumor overexpressed membrane protein 1
Aeomica, Inc. (US)
Location/Qualifiers
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Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 199 28-MAR-2002,
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 200 from Patent WO0224750.
AX474979
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Sequence 199 from Patent W00224750.
AX474978
/organism="Homo sapiens"
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AX474979/c
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JOURNAL
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Nethod and reagent for the inhibition of erg

Patent: WO 188124-A 1422 22-NOV-2001;

RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)

Location/Qualifiers
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1623 22-NOV-2001;

RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
1. .17
                                   Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., Mclaughlin,F.G. a. Randi,A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1239 22-NOV-2001,
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
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    Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2;
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Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2;
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                                                          Human posh-like protein 1
Fatent: EP 1239051-A 109 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 279 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1239051-A 281 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 279 from Patent EP1239051.
AX530770
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AX530772
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Matches 14; Conserv
                                                Shannon, M.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human kidney tumor overexpressed membrane protein 1
Patent: WO 0224750-A 230 28-MAR-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: BP 1239051-A 107 11-SBP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                       /organism="Homo sapiens"
/mol_type="unassigned DNA"
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                                                     Sequence 230 from Patent W00224750. AX475009
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/organism="Homo sapiens"
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AX530600
AX530600.1 GI:25253007
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Homo sapiens
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Homo sapiens
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AX475009/c
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: EP 1239051-A 865 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human posh-like protein 1
Patent: EP 1239051-A 864 11-SEP-2002;
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Sequence 1043 from Patent EP1239051.
AX531534
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AX531356.1 GI:25254495
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/db_xref="taxon:9606"
                             17 bp
Sequence 864 from Patent EP1239051.
AX531355
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Location/Qualifiers
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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1 Similarity 87.5%; Pred. No. 7.5e+02;
14; Conservative 0; Mismatches 2; Indels
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Patent: BP 1239051-A 859 11-SBP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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Patent: BP 1239051-A 860 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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/db_xref="taxon:9606"
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Sequence 859 from Patent EP1239051.
AX531350
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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/db xref="taxon:9606"
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 604 25-SEP-2002;
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       Query Match
0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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87.5%; Pred. No. 7.5e+02;
tive 0; Mismatches 2; Indels
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Patent: EP 1239051-A 1984 11-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                           Sequence 1984 from Patent EP1239051.
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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    .17 // Organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Homo sapiens
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Best Local Similarity 87.5%
Matches 14, Conservative
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VERSION
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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                            Human posh-like protein 1
Patent: BP 1239051-A 1043 11-SEP-2002;
Acomica, Inc. (US)
Location/Qualifiers
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Human posh-like protein 1
Patent: EP 1239051-A 1982 11-SEP-2002;
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Patent: EP 1239051-A 1044 11-SEP-2002;
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Sequence 1044 from Patent EP1239051.
AX531535
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1. 17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Shannon, M.
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AX531535
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ACCESSION
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and Grupe, A. Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1) Patent: WO 0211674-A 694 14-FEB-2002; RIBOZYME PHARMAGEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)

Patent: WO 0211674-A 807 14-FBB-2002;

RIBOZYME PHARMACHAS, INC. (US); Syntex (U.S.A.) LLC (US);
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Mcthod and rapent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674-A 1212 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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ilarity 87.5%; Pred. No. 7.5e+02;
Conservative 0; Mismatches 2;
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                                                                                                                                                          /organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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Sequence 807 from Patent W00211674.
AX578969
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/db_xref="taxon:9606"
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                                                                                                      Thompson, James (US)
Location/Qualifiers
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Location/Qualifiers
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Eukazyota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                      Zhang, J., Gu, Y. and Nguyen, C.T.
Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 605 25-SEP-2002;
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llarity 87.5%; Pred. No. 7.5e+02;
Conservative 0; Mismatches 2; Indels
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Inhibition of angiogenesis by nucleic acids
Patent: WO 02051141-A 717 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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/nofe="Synthetic Sequence"
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AX545092
Sequence 605 from Patent EP1243660.
AX545092
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Seguence 694 from Patent W00211674.
AX578856
                                                                                                                                                                                                                                                                                                                    /mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                     /organism="Homo sapiens"
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Location/Qualifiers
                                                              AX545092.1 GI:25810303
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PAT 21-FEB-2003
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                                                                                                                                                                                                                                                                                                                                                                                                                 Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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Pred. No. 7.5e+02;
0; Mismatches 2;
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87.5%; Pred. No. 7.5e+02;
trive 0; Mismatches 2;
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RIBOZYME PHARMACEUTICALS, INC. (US)
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RIBOZYME PHARMACEUTICALS, INC. (US)
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Sequence 1664 from Patent EP1260586.
AX634525
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Sequence 1630 from Patent BP1260586.
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         /db_xref="taxon:9606"
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14; Conservative 0;
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AX634491.1 GI:28470105
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AX634491
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Patent: WO 0211674-A 1390 14-FEB-2002;
RIBOZYME PHARMACETICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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Patent: WO 0211674-A 1439 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                          Query Match
0.7%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2;
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/mol_type="unassigned RNA"
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/organism="Homo sapiens"
Thompson, James (US)
Location/Qualifiers
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Location/Qualifiers
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AX579552.1 GI:27648754
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
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Human sodium-hydrogen exchanger like protein 1
Patent: EP 1273660-A 1237 08-JAN-2003;
Aeomica, Inc. (US)
Locarion/Qualifiers
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87.5%; Pred. No. 7.5e+02;
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Human sodium-hydrogen exchanger like )
Patent: BP 1273660-A 62 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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AX649397
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
                                              Sequence 62 from Patent EP1273660.
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Method and reagent for inhibiting the expression of disease related
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: EP 1273660-A 60 08-JAN-2003;
87.5%; Pred. No. 7.5e+02;
ive 0; Mismatches 2;
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RIBOZYME PHARMACEUTICALS, INC. (US)
                                                                                                                                                          Sequence 1932 from Patent EP1260586. AX634793
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Sequence 60 from Patent EP1273660.
AX648220
AX648220.1 GI:29151038
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Query Match 0.7%; Score 12.8; DB 1; Length 17; Best Local Similarity 87.5%; Pred. No. 7.5e+02; Matches 14; Conservative 0; Mismatches 2; Indels

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/organism="Homo sapiens"
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Sequence 2506 from Patent
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Best Local Similarity 87.5
Matches 14; Conservative
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Homo sapiens
Homeraio Hotazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                              Human sodium-hydrogen exchanger like protein
Patent: BP 1273660-A 1238 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                                        1. .17
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                                                                              Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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            linear
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                                                                                                                                                                                                                                                                                                         medicines
Patent: WO 03004526-A 1818 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03004526-A 2506 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
Sequence 1818 from Patent W003004526. AX673373
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Best Local Similarity
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ACCESSION VERSION KEYWORDS SOURCE ORGANISM

AUTHORS TITLE

REFERENCE

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RESULT 1566 AX674648/c

Matches

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PAT 31-MAR-2003
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
mdz12
Patent: EP 1281758-A 223 05-FEB-2003;
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77.5%; Pred. No. 7.5e+02;
Ve 0; Mismatches 2; Indels
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Best Local Similarity 87.5%; Pred. No. 7.58+02;
Matches 14; Conservative 0; Mismatches 2;
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 4422 from Patent EP1281758.
AX691690
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                           AX687491 17 bp _{
m S} Sequence 223 from Patent EP1281758.
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Best Local Similarity 87.5%; Pre
Matches 14; Conservative 0;
                                                                             AX687491.1 GI:29410185
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Homo sapiens
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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87.5%; Pred. No. 7.5e+02;
Live 0; Mismatches 2; Indels
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87.5%; Pred. No. 7.5e+02;
tive 0; Mismatches 2;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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   Mismatches
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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                                 1172 GCATCTTCTATGAGAT 1187
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Homo sapiens
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14; Conservative
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Matches 14; Conservative
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Best Local Similarity
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RESULT 1567 AX687490

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AUTHORS TITLE

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RESULT 1568

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Query Match 0.7%; Score 12.8; DB 1; Best Local Similarity 87.5%; Pred. No. 7.5e+02; Matches 14; Conservative 0; Mismatches 2;
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Heinrich,G. and Kerb,R.
Methods for the treatment of cancer with irinotecan based on CYP3A5
Patent: WO 03013534-A 332 20-FEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Methods for treatment of cancer using irinotecan based on UGTLA1
Patent: WO 03013536-A 353 20-FBB-2003;
Epidauros_Biotechnologie_AG (DB)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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ilarity 87.5%; Pred. No. 7.5e+02;
Conservative 0; Mismatches 2;
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AX706657
AX706657.1 GI:29563080
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Sequence 353 from Patent W003013536.
AX707586
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/mol_type="unassigned DNA"
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1. .17
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Best Local Similarity
Matches 14; Conserv
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Best Local Similarity
Matches 14; Conserv
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Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
                                                                                                                                                         Euteleostomi;
                                                                                                                                                                                                           Heinrich, G. and Kerb, R. Methods for treatment of cancer using irinotecan based on UGTIA1 Patent: WO 0301336-A 354 20-PEB-2003; Ppidauros Biotechnologie AG (DE)
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                                                                                                         Homo sapiens (human)
Homo sapiens
Eukaryots, Metazoa; Chordata; Craniata; Vertebrata; Eutele
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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87.5%; Pred. No. 7.5e+02;
tive 0; Mismatches 2;
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87.5%; Pred. No. 7.5e+02;
tive 0; Mismatches 2;
          DNA
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Patent: WO 03025176-A 546 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
Sequence 354 from Patent W003013536. AX707587
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Sequence 546 from Patent WO03025176.
AX722859 GI:30423360
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db xref="taxon:10090"
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Gaps

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PAT 08-MAY-2003
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                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
                                                                                                    Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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.larity 87.5%; Pred. No. 7.5e+02;
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37.5%; Pred. No. 7.5e+02;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                            Patent: WO 03025176-A 1398 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                                                                                                                                                                  /organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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/db_xref="taxon:10090"
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/organism="Mus musculus"
             Mus musculus (house mouse)
Mus musculus
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AX723887
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                                                                                                                              Mus musculus
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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87.5%; Pred. No. 7.5e+02;
Attive 0; Mismatches 2; Indels
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AXY23369
AX723369.1 GI:30423870
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Molecular Engines Laboratories (FR)
Location/Qualifiers
                                           AX723066 17 bp DNA Sequence 753 from Patent WO03025176.
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Patent: WO 03025176-A 753 27-MAR-2003,
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:10090"
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/organism="Mus musculus"
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Mus musculus
                                                                             AX723066.
AX723066.1 GI:30423567
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Best Local Similarity 87.5
Matches 14; Conservative
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AX723369
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AX723711/c
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Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
                                                                                0.7%; Score 12.8; DB 1; Length 17; 87.5%; Pred. No. 7.5e+02; Live 0; Mismatches 2; Indels
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Pred. No. 7.5e+02;
0; Mismatches 2;
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AX725338
AX725338.1 GI:30504681
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Patent: WO 03025176-A 3025 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 3351 from Patent W003025176.
AX725664
              /organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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/db_xref="taxon:10090"
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/db_xref="taxon:10090"
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/organism="Mus musculus"
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Best Local Similarity 87.5%;
Matches 14; Conservative
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14; Conservative
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Best Local Similarity
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Best Local Simi
Matches 14;
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AX725338
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Patent: WO 03025176-A 1707 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03025176-A 2879 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                                         /organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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/db_xref="taxon:10090"
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Location/Qualifiers
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/organism="Mus musculus"
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Sequences involved in phenomena of tumour suppression, treveration, apoptosis and/or virus resistance and their medicines
medicines
Patent: WO 03025176-A 5823 27-MAR-2003,
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Pred. No. 7.5e+02;
0; Mismatches 2; Indels
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                AX727200 17 bp DNA Sequence 4887 from Patent W003025176. AX727200
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/db_xref="taxon:10090"
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Matches 14; Conservative
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                               AX726654 17 bp DNA Sequence 4341 from Patent W003025176. AX726654
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/organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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Mus musculus
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Mus musculus
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Homo sapiens (human)

RESULT 1586

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Gaps

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PAT 08-MAY-2003

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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia; Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour reversion, apoptosis and/or virus resistance and their use as medicines
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                                                                                                                                                                               Length 17;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
                     Patent: WO 03025175-A 2160 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX731683.1 GI:30511026
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Patent: WO 03025175-A 3317 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX731479.1 GI:30510822
                                                                                                                                                                                                                                                      447 GATCTCCACTGAGGAC 462
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                    Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour reversion, apoptosis and/or virus resistance and their use as
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Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                 Patent: WO 03025175-A 1566 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 2160 from Patent W003025175.
AX730526
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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AX730526
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Pred. No. 7.5e+02;
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Patent: WO 03025175-A 4353 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03025175-A 5181 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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AX732719.1 GI:30512062
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    GATCAGCATTGTGACT 16
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AX732719
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AX733691/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                                  0.7%; Score 12.8; DB 1; Length 17; llarity 87.5%; Pred. No. 7.5e+02; Conservative 0; Mismatches 2; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 4010 from Patent W003025175.
AX732376
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AX732426
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                       Telerman,A., Amson,R. and Tuijnder.M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 356 27-MAR-2003,
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03025177-A 1312 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 4102 27-MAR-2003;
           Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2;
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87.5%; Pred. No. 7.5e+02;
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Sequence 1312 from Patent
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AX735722.1 GI:30514999
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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                                                                                                                                                                                                                                           Parent: WO 03025175-A 5325 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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 Sequence 5325 from Patent W003025175.
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                                                                                                                                                                                                                                                                                                                    /organism≈"Homo sapiens"
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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                                     AX733691.1 GI:30513034
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AX734766.1 GI:30514043
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Mammalia; Butheria, Primates; Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 0302517-A 4839 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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17.5%; Pred. No. 7.5e+02;
ve 0; Mismatches 2; Indels
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Patent: WO 03033703-A 180 24-APR-2003;
Amersham Biosciences (SV) Corp. (US)
   Query Match

0.7%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2;
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Pred. No. 7.5e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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1 Similarity 87.5%;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 4326 27-WAR-2003;
Molecular Engines Laboratories (FR)
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereto as medicaments.
Patent: W0 303023177-A 4367 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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87.5%; Pred. No. 7.5e+02;
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/db_xref="taxon:9606"
Molecular Engines Laboratories (FR) Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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l Similarity 87.5%;
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Best Local Similarity 87.5
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                    Zhang, J.

Human gtp-activator protein for rab-like gtpase
Patent: WO 03033703-A 240 24 APR-2003;
Amersham Biosciences (SV) Corp. (US)
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Patent: WO 03033703-A 313 24-APR-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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Patent: WO 03033703-A 314 24-APR-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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87.5%; Pred. No. 7.5e+02;
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Patent: WO 03033703-A 181 24-APR-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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Patent: WO 03033703-A 239 24-APR-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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                             Sequence 181 from Patent W003033703.
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"

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/organism="Homo sapiens"

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AX751024/c
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
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Patent: WO 03040369-A 2732 15-WAY-2003,
Molecular Engines Laboratories (FR)
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Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2;
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87.5%; Pred. No. 7.5e+02;
ative 0; Mismatches 2;
                                                                     17 bp DNA
Sequence 2497 from Patent W003040369.
AX759176
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                 AX759176.1 GI:32253792
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Best Local Similarity
Matches 14; Conserv
                                    RESULT 1613
AX759176/c
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AX759867/c
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Homo sapiens
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Query Match 0.7%; Score 12.8; DB 1; Length 17; Best Local Similarity 87.5%; Pred. No. 7.5e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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0.7%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                                                   AX757331 17 bp DN Sequence 652 from Patent WO03040369.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
        Telexman,A., Amson,R. and Tuijnder,M.
Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
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                                                                                                                                                                                                                                             Score 12.8; DB 1;
Pred. No. 7.5e+02;
                                                                            Pacent: WO 03040369-A 4794 15-WAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 4973 from Patent W003040369.
AX761652
                                                                                                                                                                                                                      Query Match 0.7%; Score 12.8; \nu Best Local Similarity 87.5%; Pred. No. 7.5e
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/mol_type="unassigned DNA"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 7.5e+02;

Matches 14; Conservative 0; Mismatches 2; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03040369-A 4355 15-MAY-2003;
Molecular Engines Laboratories (FR)
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AX761473
AX761473.1 GI:32256089
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                                                                                                                                                                                                                                                                                                             /mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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  AX759867.1 GI:32254483
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Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors.
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Barymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors
Patent: JP 2001511003-A 637 07-AUG-2001;
RIBOZYME PHARMACEUTICALS INC, ASTON UNIV
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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PD 07-AUG-2001
PF 14-JAN-1999 JP 1998532913
PR 31-JAN-1997 US 60/036476,04-DEC-1997 US SAGHIR AKHTAR, PATRICIA FELL, JAMES A MCSWIGGEN PC C12N9/00,CO7K14/71
CC Strandedness: Single;
CC Topology: Linear;
CC Enzymatic nucleic acid treatment of diseases on
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Location/Qualifiers
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Patent: WO 03050584-A 1571 19-UUN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
                                                                                                                        Sequence 1571 from Patent W003050284.
                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:32644"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                 Query Match 0.7%; Score 12.8; DB 1; Length 17; Best Local Similarity 87.5%; Pred. No. 7.5e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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             /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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PAT 27-AUG-2002
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Patent: WO 0192572-A 1200 06-DEC-2001,
NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TA
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA,MICHIO
NISHIDA
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1 (bases 1 to 17)
Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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06-DEC-2001
01-JUN-2000 WP 02001JP004662
01-JUN-2000 JP 00P 164798
HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
          Artificial Sequence
WO 0192572-A/622
06-DEC-2001
01-JUN-2001 WO 2001JP004662
01-JUN-2000 JP 00P 164798
HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
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                                                                                                                                                                                                          /organism='Artificial Sequence'
                                                                                                                                                                                                                                                                                                                          Length 17;
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PI SHOGO MORIYA,MICHIO NISHIDA
PC C12Q1/68,C12M1/00,C12N15/09,G01N33/53
CC Description of Artificial Sequence:capture
                                                                                                                            SHOGO MORIYA, MICHIO NISHIDA
C12Q1/68,C12M1/00,C12N15/09,G01N33/53
Description of Artificial Sequence:capture
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                         Query Match 0.7%; Score 12.8; DB 1; Best Local Similarity 87.5%; Pred. No. 7.5e+02; Matches 14; Conservative 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BD105096 17 bp DNA Kit and method for determining HLA type. BD105096 BD105096.1 GI:22650670 WO 0192572-A/1200.
                                                                                                                                                                                                                                            1. .17
/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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Best Local Similarity 87.5%;
Matches 14; Conservative
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synthetic construct
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PD 01-UDN
PR 01-UDN
PR 11DETC
MATSUMURA,
MATSUMURA,
PI SHOGO
PC C12Q1,
CC DESCRI
NISHIDA
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BD105096/c
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Patent: WO 019257-24 622 06-DEC-2001;
NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAEKO
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUURA, SHOGO MORIYA, MICHIO
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Description of Artificial Sequence: Human occludin antisense oligonucleotide
                                                                                                                                                                                                                                                                                                                            artificial sequences.

1 (bases 1 to 17)
OGMathorny, D. J. and Cagney, G.
Composition and method for promoting the paracellular transport
passing through cell layers
Patent: JP 2001517436-A 5 09-OCT-2001;
                                                                                                                                                                                          BDO80849 17 bp DNA linear PAT 27-AUG-2 Composition and method for promoting the paracellular transport passing through cell layers.
                                                                                                                                                                                                                                                                                                                                                                                                                                         OS Artificial Sequence
PN JP 2001517436-A/5
PD 09-OCT--2001
PP 23-SEP-1999 JP 2000512941
PR 24-SEP-1997 US 60/059644, LO-NOV-1997 IE 970794 PI
DANIEL JOSEPH O'MAHONY, GERARD CAGNEY
PC C12N15/09, A61K31/7088, A61K38/00/, (A61K38/00, A61K31:70) PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WO 1015572-A/622.
Synthetic construct
synthetic construct
artificial sequences.
1 (Bases 1 to 17)
Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and Nishida, M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                Gaps
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0.7%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PC C12N15/09,A61K31/77,
C12N15/09,A61K31/02,
PC (A61K37/02,A61K31:
CC Description of Art.
CC oligonucleotide Lo.
FH Key 1.
                                                                                                                                                                                                                                                          BD080849.1 GI:22626452
JP 2001517436-A/5.
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                                                                                 871
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synthetic construct
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                                                                                 856 AAGGACCTGAAGCAGT
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Best Local Similarity
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BD080849
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PAT 18-SEP-2002
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CIZNI5/12, CIZNI5/11, CO7K14/47, CIZNS/10, C12Q1/68, G01N33/68, PC
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       PC COKIGATION SELECTION POLY SELECTION SELECTION SELECTION STANDED SELECTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OS Unidentified

PN JP 2002503952-A/25

PN D- 05-PER-2002

PF 22-MAY-1997 JP 1997542784

PR 24-MAY-1996 US 08/655360,03-JUN-1996 US 08/65812

KATHERINE KLINGER, TIMOTHY BURN, TIMOTHY CONNORS, WILLIAM PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GOIN33/53,
PC CO7K16/18,A61K48/00,A61K38/17,A01K67/027,C12N15/00 CC
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                                                                                                                                                                                                                                                                                                                                                                                                2; Indels
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                                                                                                                                                                      /organism='Unidentified' Location/Qualifiers
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                          Query Match 0.7%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 7.5e+02;
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Topology: Linear;
Polycystic kidney disease gene
Location/Qualifiers
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Patent: JP 2002503952-A 25 05-FEB-2002;
GENZYME CORP
                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 (bases 1 to 17)
Klinger, K., Burn, T., Connors, T.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Polycystic kidney disease gene.
BD128596
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JP 2002503952-A/25.
unidentified
unidentified
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CC Topology: Linear;
CC Polycystic kidney
FH Key
Lo
FT Source
                                                                                                                                                                                                                                                                                                                                                                                                                                           543 CTTTGACAAGCCCCTC 558
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 CTTTGACAAGCACATC 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                543 CTTTGACAAGCCCCTC 558
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G01N33/53,
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                                                                                                                                                                                                                       source
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ACCESSION
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BD128596/c
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BD197672/c
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                                                                                         PAT 27-AUG-2002
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Cl2N15/12,Cl2N15/11,CO7K14/47,Cl2N5/10,Cl2Q1/68,G01N33/68, PC
                                                                                                                                                                                                                                                                                                                                               Kit and method for determining HLA type
Patent: WO 0192572-A 1213 06-DEC-2001;
NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TA
KAGIYA, TATSUO ICHIHARA, YOSHIYUXI MATSUMURA, SHOGO MORIYA, MICHIO
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IAM PI
                                                                                                                                               BD105109.1 GI:22650683
W0 0192572-A/1213.
W0 olseptor construct
synthetic construct
artificial sequences.
I (bases 1 to 17)
Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          01-JDA-2001 WO 2001JP004662
01-JUN-2000 JP 00P 164798
HIDETOSHI INOKO, TAEKO KAGIYA, TAISJO ICHIHARA, YOSHIXUKI
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PN JP 202503952-A/7
PD 05-FEB-2002
PF 22-MAY-1997 JP 1997542784
PR 24-MAY-1996 US 08/655360,03-JUN-1996 US 08/65
PATHERINE KLINGER, TIMOTHY BURN, TIMOTHY CONNORS, WILLIAM DACKOWSKI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism='Artificial Sequence' Location/Qualifiers
                                                                                         linear
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C12Q1/68,C12M1/00,C12N15/09,G01N33/53
Description of Artificial Sequence:capture
Key
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0.7%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                          Kit and method for determining HLA type.
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Patent: JP 2002503952-A 7 05-FEB-2002;
GENZYME CORP
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1 (bases 1 to 17)
Klinger, K., Burn, T., Connors, T.,
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BD128578
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WO 0192572-A/1213
06-DEC-2001
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JP 2002503952-A/7.
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PN WO OS DOI
PF 01-UU
PR 11DE-UU
PL SHOGO
PU C1201/
CC DESCRIP
FH KEY
FT SOURCE
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                                                                                              DEFINITION
ACCESSION
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BD128578
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                              RESULT 1627
BD105109/c
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PAT 17-JUL-2003

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Homo sapiens (human)
JP 2002509721-A/6107
02-APR-2002
24-MAR-1999 UF 2000541291
27-MAR-1999 US 60/073678
PAMRLA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOFT, JAMES A MCSWIGGEN
        PI JAMES A MCSWIGGEN
PC
C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61F3/10,A61F17/06, PC
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CI2N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
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1 (bases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, F., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response

RIBOZYME PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BD203081 17 bp RNA linear PAT 17-JUL-200
Method and reagent for treating diseases or conditions concerning
                                                                                     A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
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                                                                                                                             Method and reagent for treating diseases or conditions
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participating in vasculogenic response
Key
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87.5%; Pred. No. 7.5e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
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/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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BD203081.1 GI:33012851
JP 2002509721-A/6107.
Homo sapiens (human)
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PC A61P35
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Best Local &
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TITLE
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          17 bp RNA linear PAT 17-JUL-2003 treating diseases or conditions concerning
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PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                        24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.

(Dases 1 to 7)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
Patent: JP 2002509721-A 4293 02-APR-2002;
RIBOZIME PHARMACEUTICALS INC
                                                                                                                                                               Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.

1 (bases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2002509721-A 698 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
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Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
BD201267
BD201267
BD2022671.1 G1:33011037
Homo sapiens (human)
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BD197672 17 bp RNA lines Method and reagent for treating diseases or conc molecule participating in vasculogenic response.
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/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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27-MAR-1998 US 60/0796
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JP 2002509721-A/4293
02-APR-2002
                                                                                                                                                                                                                                                                                                                                Homo sapiens (human)
JP 2002509721-A/698
02-APR-2002
                                                                                 BD197672.1 GI:33007442
JP 2002509721-A/698.
Homo sapiens (human)
Homo sapiens
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AUTHORS
TITLE
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PAT 04-DEC-1998
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Gala, 2 and Vannuffel, P.
Gala, 2 and Vannuffel, P.
GENETIC SEQUENCES, DIAGNOSTIC AND/OR QUANTIFICATION METHODS AND
DEVICES FOR THE IDENTIFICATION OF STAPHYLOCOCCI STRAINS
PALENT: WO 9916740-A 19 08-APR-1999;
GALA JEAN LUC (BE) 1, UNIV LOUVAIN (BE)
LOCATION/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unclassified.

1 (bases 1 to 18)

Brunner, H.G. and Breakefield, X.O.
Genetic diagnosis and treatment for impulsive aggression
Patent: US 5783680.A 10 21-UUL-1998;
                                                                                                                                                                                                                                                                                 0,
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                                                                                                                                                                                                                                               0.7%; Score 12.8; DB 1; Length 18; 37.5%; Pred. No. 8.1e+02; ve 0; Mismatches 2; Indels
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Patent: US 5741638-A 18 21-APR-1998;
Location/Qualifiers
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 10 from patent US 5783680.
AR019631
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/wol_type="unassigned DNA"
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/organism≈"unknown"
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Conservative
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PACHENE: WO 9711187-A 41 27-MAR-1997;
INNOGENETICS NV (BE)
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HEXAGEN TECHNOLOGY LIMITED (GB)
LOCATION/QUALIFIES
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/organism="unidentified"
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db xref="taxon:32644"
                                                                                                   Sequence 41 from Patent W097111187.
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Sequence 19 from Patent W09916780.
A97463
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Sequence 14 from Patent W09744485.
A67594
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475 CTATCACTACCAGCTG 490
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Goodfellow, P.N.
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A61818
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A67594/c
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PAT 31-AUG-2000

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1 (bases 1 to 18)
Monia_B.P. and Cowsert, L.M.
Antisense modulation of inhibitor-kappa B kinase-beta expression
Patent: US 5977341-A 13 02-NOV-1999;
Location/Qualifiers
 Unclassified.

1 (bases 1 to 18)
Bennett, C. Frank., Ackermann, E.J. and Cowsert, L.M.
Antisense inhibition of cellular inhibitor of apoptosis-1
                                                                                                                                                                  Length 18;
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Best Local Similarity 87.5%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 18)
Cowsert, L.M.
Antisense modulation of RhoG expression
Patent: US 5965370-A 32 12-OCT-1999;
Location/Qualifiers
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expression
Patent: US 5958772-A 15 28-SEP-1999;
Location/Qualifiers
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AR084034
AR084034.1 GI:10010805
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/organism="unknown"
/wol_type="unassigned DNA"
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AR078888
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AR084034/c
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1 (bases 1 to 18)
Neitz,M.E. and Neitz,J.F.
Detection of cone-photoreceptor-based vision disorders
Patent: US 5837461-A 1 17-NOV-1998;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                              Length 18;
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                 Indels
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1 (bases 1 to 18)
Cowsert,L.M.
Antisense modulation of G-alpha-11 expression
Patent: US 5951455-A 60 14-SEP-1999;
Location/Qualifiers
Pred. No. 8.1e+02;
0; Mismatches 2;
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0.7%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 2;
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Sequence 15 from patent US 5958772.
AR076348.1 GI:10003094
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/wol_type="unassigned DNA"
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Sequence 60 from patent US 5951455.
AR073420. GI:10000184
                                                                                                                                                  AR054954 18 bp Sequence 1 from patent US 5837461. AR054954
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                                                                        3 AAAGCAAAATCACAGA 18
 87.5%;
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                                             671 AAAGCAAGCTCACAGA
Best Local Similarity 87.5
Matches 14; Conservative
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Unclassified.
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AR076348
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AR073420/c
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PAT 08-SEP-2000

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1 (bases 1 to 18)
Bergeron, M. d., Ouellette, M. and Roy, P. H.
Bergeron, M. d., Ouellette, M. and Roy, P. H.
Species specific and universal DNA probes and amplification primers
to rapidly detect and identify common bacterial pathogens and
associated antiblotic resistance genes from clinical specimens for
routine diagnosis in microbiology laboratories
Patent: US 6001564-A 136 14-DEC-1999;
Goodfellow,P.N.
Methods for identifying a mutation in a gene of interest without a
phenotypic guide
Patent: US 5994075-A 14 30-NOV-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 18)

Bunenfeld,A., Ousella,J.F., Breakefield,X.O. and Slaugenhaupt,S.
Use of genetic markers to diagnose familial dysautonomia
Patent: US 5998133_A 33 07-DEC-1999;
                                                                                                                                           Length 18;
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87.5%; Pred. No. 8.1e+02;
live 0; Mismatches 2;
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87.5%; Pred. No. 6.1e+02;
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Sequence 33 from patent US 5998133.
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/mol_type="unassigned DNA"
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/organism="unknown"
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AR091961.1 GI:10018715
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ilarity 87.5%;
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AR093577
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AR091961/c
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Bergeron, M.G., Picard, F.J., Ouellette, M. and Roy, P.H.
Species-specific and universal DNA probes and amplification primers
to rapidly detect and indentify common bacterial pathogens and
associated antibiotic resistance genes from clinical specimens for
routine diagnosis in microbiology laboratories
Patent: US 5994066-A 136 30-NOV-1999;
Location/Qualifiers
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Patent: US 5981732-A 10 09-NOV-1999;
Location/Qualifiers
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87.5%; Pred. No. 8.1e+02;
ttive 0; Mismatches 2;
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Sequence 136 from patent US 5994066.
AR089377.1 GI:10016134
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                                                                       AR085574 10 from patent US 5981732.
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Thes 14; Conservative
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Unclassified.
1 (bases 1 to 18)
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Cowsert, L.M.
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AR089732/c
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Unclassified.
Inclassified.
I (bases 1 to 18)
Klinger,K., Burn,T., Connors,T., Dackowski,W., Germino,G., Qian,F. and Landes,G.
Polycystic kidney disease gene and protein
Patent: US 6071717-A 10 06-UUN-2000;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                   Unclassified.

1 (bases 1 to 18)
Monia,Br. and Cowsert,L.M.
Antisense inhibition of EGR-1 expression
Patent: US 6008048-A 17 28-DEC-1999;
Location/Qualifiers
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Sequence 17 from patent US 6008048.
AR096633
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/wol_type="unassigned DNA"
 Patent: US 6008048-A 8 28-DEC-1999;
Location/Qualifiers
                                                           /mol_type="unassigned DNA"
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/organism="unknown"
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87.5%; Pred. No. 8.1e+02;
ative 0; Mismatches 2;
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Monia, B.P. and Cowsert, L.M.
Antisense inhibition of EGR-1 expression
                                                                                                                                                                                    Unclassified.

1 (bases 1 to 18)

1 (bases 1 to 18)

Antisense modulation of CREL expression
Patent: US 6001652-A 18 14-DEC-1999;

Locallon/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unclassified.

1 (bases 1 to 18)

Monia, B. D., Baker, B. F. and Cowsert, L.M.
Antisense modulation of CREL expression
Patent: US 6001652-A 20 14-DEC-1999;
Location/Qualifiers
                                                                                  18 bp
Sequence 18 from patent US 6001652.
AR094516
AR094516.1 GI:10021511
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1. .18
/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                              1. .18
/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AR094518 18 bp Sequence 20 from patent US 6001652. AR094518 AR094518.1 GI:10021515
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1 AGCTGGCAACGGCTGG 16
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Patent: JP 20052503-A 38 13-AUG-2002;
Patent: JP 200525033-A 38 13-AUG-2002;
BI JU PONT DE NEMOURS AND CO
OS Artificial Sequence
PN JP 2002525033-A/38
PD 13-AUG-1999 JP 2000563786
PR 04-AUG-1999 US 09/336946 PI
PR 04-AUG-1999 US 09/336946 PI
BARBARA SUB VALENT, GREGORY T BRYAN
PC C12N15/09, A01H5/00, C12N5/10, C12N15/00, C2
Description of Artificial Sequence: Synthetic oligonucleotide FH
KEY
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PD 24-SEP-2002
PF 16-JUN-1999 JP 2000585447
PR 3-DEC-1998 UB 09/205204
PR 3-DEC-1998 UB 09/205204
PR 73-DEC-1998 UB 09/205204
PR 73-DEC-1998 UB 09/205204
AG1K48/00,AG1R31/7115,AG1R31/7125,AG1P29/00 PC AG1P31/00,AG1P35/00,
CC AMARY C2 AG1P37/02,AG1P43/00,C12N15/00
CC Synthetic Location/Qualifiers
FT source / Oxganism='Artificial Sequence'.
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Location/Qualifiers
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Pi-ta gene imparting disease resistance to plants.
BD249623
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87.5%; Pred. No. 8.1e+02;
tive 0; Mismatches 2;
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87.5%; Pred. No. 8.1e+02;
tive 0; Mismatches 2;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

    .18
        /organism="synthetic construct" | mol type="genomic DNA" | db_xref="taxon:32630"

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JP 2002525033-A/38.
synthetic construct
synthetic construct
artificial sequences.
I (bases 1 to 18)
Valent, B.S. and Bryan, G.T.
                                                                                                                                                                                                                                                                                                                                                                           1054 AAGTCAATCCCAACAA 1069
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BD250744/c
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DEFINITION
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synthetic construct
artificial sequences.

1 (bases 1 to 18)
Bennett, F.C., Ackermann, E.A. and Cowsert, L.M.
Autisense modulation of expression of cellular inhibitor of Patent: up 2002531469-A 15 24-SEP-2002;
ISTS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002531469-A/15
                                                                                                                                                         1 (bases 1 to 18)

Attle, K.M., Carlsson, L.M.S., Gesundheit, N. and Goddard, A.

Treatment of partial growth hormone insensitivity syndrome

Patent: US 6207640-A 37 27-MAR-2001,
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Rothschild,K.J. and Olejnik,J.
Compounds and methods for detecting biomolecules
Patent: US 6218530-A 4 17-APR-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ch 0.7%; Score 12.8; DB 1; ... Similarity 87.5%; Pred. No. 8.1e+02; 14; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                    0.7%; Score 12.8; DB 1;
87.5%; Pred. No. 8.1e+02;
              Sequence 37 from patent US 6207640. AR140360
                                                                                                                                                                                                                                                                                                                                                       Mismatches
                                                                                                                                                                                                                                                                 /organism="unknown"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="unknown"
/wol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 4 from patent US 6218530.
AR146841
AR146841.1 GI:15110030
                                                                                                                                                                                                                                location/Qualifiers
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                                                                     GI:14482856
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Matches 14; Conserv
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AR146841
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BD234291
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PAT 17-JUL-2003
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Description of Artificial Sequence: antisense oligonucleotide
corresponding
to a specific region of the mouse Ii gene.
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1 (bases 1 to 18)

21 (bases 2, Draper, K.G., McSwiggen, J. and Stinchcomb, D.T. IL-5 targeted inbozymes
Patent: US 5616488-A 727 01-APR-1997;
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    /organism='Artificial Sequence'

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ilarity 87.5%; Pred. No. 8.1e+02;
Conservative 0; Mismatches 2;
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87.5%; Pred. No. 8.1e+02;
iive 0; Mismatches 2;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
              Location/Qualifiers
                                                                             artificial sequences.

1 (bases 1 to 18)

Kusu, M., Qiu,G. and Hunfrees,R.

CANCER CELL VACCINE

PATENT: JP 2002531582-A 17 24-SEP-2002;

ANTIGEN EXPRESS INC
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JP 2002531582-A/17
24-SEP-2009
04-DEC-1998 US 09/205995
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                                                        SM synthetic construct
artificial sequences.

E. (Labses I to 18)
S. Cowsert, L. M., Baker, B.F., Moneil, J., Freier, S.M., Sasmor, H.M.,
Brooks, D.G., Ohasi, C., Wyatt, J.R., Borchers, A.H. and Vikkars, T.A.
Identification of genetic targets for modulation by
oligonucleotides and generation of oligonucleotides for gene
modulation
Datent: JP 2002511276-A 298 16-APR-2002;
ISIS PHARMACHUTCALS INC
OS Artificial Sequence
PN JP 2002511276-A/298
PD 16-APR-2002
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CI2N15/09, C07B61/00, C07B61/00, C12Q1/68, G06F17/30, G06F17/50, PC
C12N15/00
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DAVID J LOCKHART, THOMAS RYDER, PAMELA SKLAR
C12Q1/68,C12M1/00,C12N15/09,C12N15/09,G01N33/53, PC
                                                                                                                                                                                                                                                                                                                                DOUGLAS G BROOKS, CARA OHASI, JACQUELINE R WYATT, ALEXANDER H
                                                                                                                                                                                                                   OS Artificial Sequence
PN UP 200221276-A/298
PD 16-APR-2002
PF 13-APR-1999 JP 2000543647
PR 13-APR-1999 US 60/081483,28-APR-1998 US 09/067638 P
LEX M COWSERT, BRENDA F BAKER, JOHN MCNEIL, SUSAN M FREIER, HENRI
M SASMOR,
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synthetic construct
artificial sequences.
1 (bases 1 to 18)
Fan, J.B., Hirschhorn, J.N., Huang, X., Kaplan, P., Lander, E.S.
Lockhart, D.J., Ryder, T. and Sklar, P.
Universal arrays
Patent: JP 2002539849-A 220 26-NOV-2002;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, AFFYMETRIX INC
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/organism='Artificial Sequence'
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larity 87.5%; Pred. No. 8.1e+02;
Conservative 0; Mismatches 2; Indels
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PN JP 2002539849-A/220
PD 26-NOV-2002
PP 27-MAR-2000 JP 2000608794
PR 26-MAR-1999 US 60/126473,23-UUN-1999
JIAN BING FAN,JOEL N HIRSCHHORN,XIAOHUA
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/db_xref="taxon:32630"
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BD266220.1 GI:33075988
JP 2002539849-A/220.
             BD250744.1 GI:33060514
JP 2002511276-A/298.
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                                              synthetic construct
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PI DAVID J
PC C1201/66
G01N33/566,
PC G01N37/0
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PAT 20-APR-2002
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               PAT 03-APR-1998
                                                                                                                              Unclassified.

1 (bases 1 to 18)
Rudert, W.A. and Trucco, M.
Polymers of oligonucleotide probes as the bound ligands for use in reverse dot blots
Patent: US 5683872-A 75 04-NOV-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       In (bases 1 to 18)
Rudert,W.A. and Trucco,M.
Polymers of ollgonucleotide probes as the bound ligands for use in reverse dot blocs
Patent: US 5683872-A 99 04-NOV-1997;
Location/Qualifiers
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Unclassified.
Unclassified.
Unclassified.
Unclassified.
Unclassified.
Maker Ito 18)
Bennett, C. Frank., Ackermann, E.J., Swayze, B.E. and Cowsert, L.M.
Antisense modulation of survivin expression
Patent: US 6335194-A 99 01-JAN-2002;
Location/Qualifiers
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Sequence 99 from patent US 6335194.
AR181637.1 GI:20223851
                 172039 18 bp 1
Sequence 75 from patent US 5683872.
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Sequence 99 from patent US 5683872.
172063
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1 (bases 1 to 18)

Klinger, K.W., Landes, G.W., Burn, T.C., Connors, T.D., Dackowski, W.,
Rlinger, K.W., G. and Olan, F.

Polycystic kidney disease gene
Patent: US 5654170-A 8 05-AUG-1997;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                     Unclassified.

1 (Dasses 1 to 18)
Jacobson, M.A., Johnson, R.G. and Salvatore, C.A.
Inhibition of ecsinophil activation through A3 adenosine receptor
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                                                                              ch 0.7%; Score 12.8; DB 1; Length 18; 1 Similarity 87.5%; Pred. No. 8.1e+02; 14; Conservative 0; Mismatches 2; Indels
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Patent: US 5646156-A 41 08-UUL-1997;
Location/Qualifiers
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/organism="unknown"
/wol_type="unassigned DNA"
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/organism="unknown"
/wol_type="unassigned DNA"
                                               /mol type="unassigned DNA"
                                                                                                                                                                                                                                                               Sequence 41 from patent US 5646156.
155017
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Location/Qualifiers
                   1. .18
/organism="unknown"
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LOCUS DEFINITION

ACCESSION VERSION KEYWORDS

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REFERENCE AUTHORS source

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Sequence 39 from patent US 6365376.
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/organism="unknown"
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(bases 1 to 18)

2 vaco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 6250 12-FEB-2002;
                                                                                                                                                                                                                                                                                          1 (bases 1 to 18)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 4500 12-FEB-2002;
Location/Qualifiers
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nilarity 87.5%; Pred. No. 8.1e+02;
Conservative 0; Micmatch
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Sequence 6250 from patent US 6346398.
AR190762
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/organism="unknown"
/wol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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                                         Query Match 5.1., Best Local Similarity 87.5%; Matches 14; Conservative
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PAT 25-SEP-2002
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Xu,M., Qiu,G. and Humphreys,R.
MHC class II antigen presenting cells containing oligonucleotides
which inhibit I protein expression
Patent: US 6368855-A 18 09-APR-2002;
Unclassified.

1 (bases 1 to 18)

Brzostowicz,P.C. and Rouviere,P.E.
Genes and enzymes for the production of adipic acid intermediates
Patent: US 6365376-A 39 02-APR-2002;
Location/Qualifiers
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Roberts, M.L. and Cowsert, L.M.
Antisense modulation of human Rho family gene expression
Patent: US 6410323-A 175 25-UUN-2002;
Location/Qualifiers
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0.7%; Score 12.8; DB 1; Length 1

Best Local Similarity 87.5%; Pred. No. 8.1e+02;

Matches 14; Conservative 0; Mismatches 2; Indels
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AR215627
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Sequence 18 from patent US 6368855.
AR205258
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PAT 12-JUN-2003
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                            Unclassified.

1 (bases 1 to 18)

Valent, B.S. and Bryan, G.T.

Pi-ta gene conferring fungal disease resistance to plants

Patent: US 6479731-A 42 12-NOV-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 18)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 637751-A 5796 25-MAR-2003;
Location/Qualifiers
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Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density disequilbrium map of the human genome Patent: US 637751-A 9033 25-MAR-2003;
Location/Qualifiers
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87.5%; Pred. No. 8.1e+02;
ative 0; Mismatches 2;
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Best Local Similarity 87.5%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 2;
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Brzostowicz, P.C. and Rouviere, P.E.
Oxidation of a cyclohexanone derivative using a Brevibacterium cyclohexanone monocxygenase patent: US 6465224-A 39 15-0CT-2002;
Location/Qualifiers
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Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 20 29-OCT-2002;
Location/Qualifiers
Query Match 0.7%; Score 12.8; DB 1; Length 18; Best Local Similarity 87.5%; Pred. No. 8.1e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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llarity 87.5%; Pred. No. 8.1e+02;
Conservative 0; Mismatches 2; Indels
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37.5%; Pred. No. 8.1e+02;
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Sequence 39 from patent US 6465224.
AR236683.
AR236683.1 GI:27280784
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Sequence 42 from patent US 6479731.
AR254296.1 GI:27303069
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/wol_type="genomic DNA"
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                                                          1392 CACCAAGCTGTTGCAG 1407
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                                                                                CACCATCCTGTTGCAG 17
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PAT 24-AUG-2000
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        1 (Jases 1 to 18)
Ben-Bassat, A., Cattermole, M., Gatenby, A.A., Gibson, K.J.,
Ben-Bassat, A., Cattermole, M., Gatenby, A.A., Gibson, K.J.,
Ben-Bassat, A., Cattermole, M., Gatenby, A.A., Gibson, K.J.,
Method for the production of .rho.-Hydroxybenzoate in species of pseudomonas and agrobacterium
Patent: US 6586229-A 25 01-UUL-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Eukaryotā; Metāzoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Benchimol,S. and Lin,Y.
A p53-induced protein with a death domain that can promote
apoptosis
Petent: WO 0118037-A 25 15-MAR-2001;
University Health Network (CA)
Location/Qualifiers
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Chimeric binding peptide library screening method
Patent: WO 9911785-A 75 11-MAR-1999;
MCGREGOR DUNCAN (GB); ROWETT RESEARCH SERVICES LIMIT (GB)
Location/Qualifiers
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87.5%; Pred. No. 8.1e+02;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="texxon:32630"
/note="synthetic DNA"
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/wol_type="unassigned DNA"
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AX004855
AX004855.1 GI:9928266
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14; Conservative 0
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artificial sequences.
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Murinae gen. sp.
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                                                                                                                                                                                                                                Unclassified.

1 (bases 1 to 18)

Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 2213 20-MAY-2003;

Location/Qualifiers
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(bassiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 3009 20-MAY-2003;
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87.5%; Pred. No. 8.1e+02;
trive 0; Mismatches 2;
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Sequence 2213 from patent US 6566127.
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6566127.
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/organism="unknown"
/mol_type="unassigned RNA"
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        1489 CTTCCTGACACTACTT 1504
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AR325607/c
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AR324811/c
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                           Robbins,J.M. and Tritz,R. Ribozyme therapy for the treatment of proliferative skin and eye diseases
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/db_xref="taxon:9606"
/note="Hammerhead ribozyme recognition site for cdc
kinase"
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/db_xref="taxon:32630"
/note="primer-primer used for sequencing pcu"
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ilarity 87.5%; Pred. No. 8.1e+02;
Conservative 0; Mismatches 2;
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/organism="synthetic construct"
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IMMUSOL, INC. (US)
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Sequence 4283 from Patent W00130362.
AX133065
AX133065.1 GI:14139375
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/organism="Homo sapiens"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                                                0.7%; Score 12.8; DB 1; Length 18; 87.5%; Pred. No. 8.1e+02; tive 0; Mismatches 2; Indels
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Local Similarity 87.5%; Pred. No. 8.1e+02;
hes 14; Conservative 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="primer"
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IMMUSOL, INC. (US)
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Sequence 1286 from Patent W00129262.
AX116163.1 GI:14033105
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'db_xref="taxon:9606"
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 /db_xref="taxon:39108"
/note="Antisense"
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PAT 17-FEB-2003

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Berlin, K., Braun, A., Distler, J., Guetig, D., Howe, A., Mueller, J., Olek, A., Piepenbrock, C., Adorjan, P., Grabs, G., Lesche, R., Leu, E., Lewin, A., Lipscher, E., Maier, S., Model, F., Mueller, V., Otto, T., Pelet, C. and Ziebarth, Maier, S., Model, F., Mueller, V., Otto, T., Methods and nucleic acids for the analysis of hematopoietic cell parent: WO 0207272-A 1047 03-OCT-2002;

Epigenomics AG (DE)
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Patent: WO 02092851-A 42 21-NOV-2002;
ANIMAL HEALTH TRUST (GB) ; The British Horseracing Board (GB)
                                                                                                                                                                                         1. .18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Detection oligonucleotide for C-ABJ."
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87.5%; Pred. No. 8.1e+02;
tive 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="traxon:32630"
/noTe="Primer"
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Sequence 2931 from Patent EP1260586.
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AX635792.1 GI:28471406
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                PAT 13-FEB-2002
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Proteins and dna sequences underlying these proteins used for treating inflammations
treating inflammations
Patent: WO 0246668-A 88 23-MAY-2002;
Apotech Research and Development Ltd. (CH)
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B7-related nucleic acids and polypeptides and their uses for
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/mol_type="unassigned DNA"
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Patent: WO 0194413-A 50 13-DEC-2001,
Bristol-Myers Squibb Company (US)
Location/Qualiflers
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/db_xref="taxon:32630"
/note="primer JT1509"
                AX358004 18 bp
Sequence 50 from Patent WO0194413.
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Best Local Similarity
Matches 14; Conserv
              AX358004
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/mol_type="unassigned DNA"
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/nofe="pescription of Artificial Sequence: an artificially
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Yamamoto,J.I., Isono,Y., Hio,Y., Otsuka,K., Nagai,K., Irie,R.,
Tamechika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,K. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Isogai,T., Sugiyama,T., Otsuki,T., Wakamatsu,A., Sato,H., Ishii,S.,
Yamamoto,J.I., Isono,Y., Hio,Y., Otsuka,K., Nagai,K., Irie,R.,
Tamechika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,K. and
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                                                    0.7%; Score 12.8; DB 1;
llarity 87.5%; Pred. No. 8.1e+02;
Conservative 0; Mismatches 2;
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/mol_ere="texon:32644"

/note="Description of Attificial

synthesized primer se q"
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ilarity 87.5%; Pred. No. 8.1e+02;
Conservative 0; Mismatches 2;
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Patent: EP 1347046-A 5151 24-SEP-2003;
Research Association for Biotechnology
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AX838027
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Sequence 5026 from Patent EP1347046.
AX837902. GI:39921594
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/organism="unidentified"
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 Method and reagent for inhibiting the expression of disease related
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Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M.,
Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A.,
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Method for specific, fast detection of threadlike bacteria
Patent: WO 02101089-A 36 19-DEC-2002;
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/mol_type="unassigned DNA"
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Patent: BP 1260586-A 2985 27-NOV-2002;
RIBOZYMB PHARMACEUTICALS, INC. (US)
Location/Qualifiers
                                  Patent: BP 1260586-A 2931 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 36 from Patent WO02101089.
AX708585
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Modulation of mammalian telomerase by peptide nucleic acids.
BD071043
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Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots,
rosids, eurosids I, Pabales, Fabaceae, Papilionoideae, Trifolieae,
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A method to identify and breed corn with increased kernel oil
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llarity 87.5%; Pred. No. 8.1e+02;
Conservative 0; Mismatches 2; Indels
0.7%; Score 12.8; DB 1; Length 18;
87.5%; Pred. No. 8.1e+02;
tive 0; Mismatches 2; Indels
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/db_xref="taxon:3879"
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09-APR-1996 US 08/63001
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JP 2001517929-A/9.
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BD061251.1 GI:22606857
JP 2001517951-A/68.
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1 (bases 1 to 18)
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Matches 14; Conservative
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JERRY W SHAY, WOODRING E WRIGHT, MIECZYSLAW A PIATYSZEK, DAVID COREY,
JAMES C NORTON
COTX14/00, AGIK38116, C12Q1/68
Strandedness: Single;
Topology: Linear;
/desc = 'peptide nucleic acid (PNA), where (deoxy(ribose- CC phosphate
linkages are replaced by N-(2-aminoethyl)glycine units linked
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Maglegar, D. Method for screening chimera-binding peptide library

D. Patent: UP 200151485-A 67 18-SEP-2001;

ROWETT RESEARCH SERVICES LTD
OS Unidentified
PN UP 2001514853-A/67

PD 18-SEP-1999 UP 2000508795

PR 02-SEP-1999 UP 2
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Pred. No. 8.1e+02;
0; Mismatches 2;
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0.7%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 2;
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD074285.1 GI:22619888
BP074285.1 GI:22619888
UP 2001514853-A/67.
unidentified
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Conservative 0;
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schultz621-3.rge

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Kit and method for determining HLA type
Patent: WO 0192572-A 3 06-DEC-2001;
NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAEKO
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
NISHIDA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PAT 27-AUG-2002
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BD103899.
BD103899.1 GI:22649473
WO 0192572-A/3.
Synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 18)
Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and Wishida, M.
                                                                                                                                                      Gaps
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wo 0192572-A/3
06-DEC-2001
01-JUN-2001 WO 2001JP004662
01-JUN-2000 JP 00P 164798
HIDBTOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
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      /organism='Artificial Sequence'
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87.5%; Pred. No. 8.1e+02;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                            construct"
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    /organism="synthetic compostrype="genomic DNA"
    /db_xref="taxon:32630"

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WO 0192572-A/800.
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Best Local Similarity 87.55
Matches 14; Conservative
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Best Local Similarity 87.5'
Matches 14; Conservative
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BD103899/c
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unidealization.

unidealization.

unidealization.

I (bases 1 to 18)

yamuffel, P. and Gala, J. L.

Gene sequence for identification of Staphylococci strains,
diagnosis and/or quantitation method, and apparatus

NI PACOT-2001;

PATENTE CATHOLIQUE DE LOUVAIN, MINISTERE DE LA DEFENSE NATIONALE

OS FSG6S

FN JF 2001518283-A/19

FN JF -CCT-2001

FP 28-SEP-1998 JP 200513862

FR 26-SEP-1997 EP 97870146.4

FI PASCAL VANNUFFEL, JEAN LUC GALA

PC C1201/68, C12N15/09, C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

CC Gene sequence for identification of Staphylococci strains, CC
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4 UP 2001321190-A/808
5 12-NAR-2001
7 12-MAR-2001 UP 2001068285
7 EXICHI SOBDA
7 C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,
                                                                                                                                                                                                                                                                                                                                                                                                           Gene sequence for identification of Staphylococci strains, diagnosis
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Patent: JP 2001321190-A 808 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
                          BD080883 linear PAT 27 Gene sequence for identification of Staphylococci strains, diagnosis and/or quantitation method, and apparatus.
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Description of Artificial Sequence:Synthetic DNA FH
Location/Qualifiers
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Key
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    .18
    /organism="unidentified"
    /mol_type="genomic DNA"
    /db_xref="taxon:32644"

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JP 2001321190-A/808.
synthetic construct
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JP 2001518283-A/19.
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1 (bases 1 to 18)
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RESULT 1697
BD080883
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Mon May

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Lusses 1 to 18)

Yokoya,F., Okutsu,T., Mori,M., Yoshiyuki, Takahara, Fukuda,H.,
Aburatani,H. and Sonaka,T.
Gene panel for genes involving liver regeneration
Gene panel for genes involving liver regeneration
L Patent: WO 02077222-A 77 03-0CT-2002;
AJINOMOTO CO INC,FUMIHIKO VOKOYA,FOMOHISA OKUTSU,MAIKO MORI,
YOSHIYUKI TAKAHARA,HISAO FUKUDA,HIROYUKI ABURATANI,ICHIRO SONAKA,
OS ARTÍficial Sequence
PN WO 02077222-A/77
PD 03-0CT-2002 WO 2002PF002372
PR 13-MAR-2002 WO 2002PF002372
PR 13-MAR-2002 WO 2002PF002372
PR 13-MAR-2002 WO 2002PF002372
PR 13-MAR-2001 JF DIP 070940
PI FUMIHIKO YOKOYA,TOMOHISA OKUTSU,MAIKO MORI,YOSHIYUKI PI TAKAHARA,HISAO FUKUDA,
PI HIROYUKI ABURATANI,ICHIRO SONAKA
PC C12N15/09,C12Q1/68,G01N33/15,G01N33/50,G01N37/00 CC
Description of Artificial Sequence: primer
FH Key
Location/Qualifiers
FT source
//organism='Artificial Sequence'.
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JP 2002519439-A/16.
Synthetic construct
artificial sequences.
I (bases 1 to 18)
Artisense oligonucleotides targeted to IL-15
Patent: JP 2002519439-A 16 02-JUL-2002;
HISAMITSU PHARMACEUTICAL CO INC
OS Artificial Sequence
PN JP 2002519439-A/16
                                                     0.7%; Score 12.8; DB 1; Length 18;
llarity 87.5%; Pred. No. 8.1e+02;
Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                           18 bp DNA linear
Gene panel for genes involving liver regeneration.
BD178739
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BD222146
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/db_xref="taxon:32630"
        /db_xref="taxon:32644"
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WO 02077222-A/77.
synthetic construct
synthetic construct
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Matches 14; Conserv
                                                           Query Match
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VERSION
KEYWORDS
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TITLE
JOURNAL
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                                                                      Kit and method for determining HLA type
Patent: WO 0192572-A 800 06-DEC-2001;
NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAEKO
KAGITA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIXA, MICHIO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ·;
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Klinger,K., Burn,T., Connors,T., Dackowski,W., Germino,G. and Qian,F.
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1 (bases 1 to 18)
Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and
Nishida, M.
                                                                                                                                                                                                                                                                                                                 01-JUN-2000 JP 00P 164798
HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Polyystic kidney disease gene
Patent: JP 2002503952-A 9 05-FEB-2002;
GENZIME CORP
OS Unidentified
PN JP 2002503952-A/9
PD 05-FEB-2002
PP 22-MAY-1997 JP 1997542764
PR 24-MAY-1996 US 08/655360,03-JUN-1996 US 08/655360,
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Location/Qualifiers
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C1221/68,C12M1/00,C12N1S/09,G01N33/53
Description of Artificial Sequence:capture
Key
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.7%; Score 12.8; DB 1;
87.5%; Pred. No. 8.1e+02;
iive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="synthetic construct"
/mol type="genomic DNA"
/db xref="taxon:32630"
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Polycystic kidney disease gene

    .18
    /organism="unidentified"
/mol_type="genomic DNA"

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W0 0192572-A/800
06-DEC-2001
01-JUN-2001 W0 2001JP004662
01-JUN-2000 JP 00P 164799
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BD128580
BD128580.1 GI:23223525
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unidentified
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Best Local Similarity
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PN WO 01
PN WO 01
PD 01-JU
PR 11-JU
PR
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PI GREGO
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BD128580
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REFERENCE
AUTHORS
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VERSION
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PAT 24-JUL-1996
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Synthetic construct DNA, reverse primer for human STS sts-STSG43838
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/note="reverse primer for human STS sts-STSG43838 at 1p36
sts-STSG43838 obtained from clones B223H7, B285H13, Human
BAC library RPCI-11"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042); Fax:81-22-717-8047)
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Pred. No. 8.1e+02;
0; Mismatches 2;
                                                                                                                                                                                Query Match 0.7%; Score 12.8; DB 1; Best Local Similarity 87.5%; Pred. No. 8.1e+02; Matches 14; Conservative 0; Mismatches 2;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
1. .18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   chromosome 1p35-p36
Genomics 74 (1), 55-70 (2001)
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                                                                                                       /gene="BR-169"
12. .18
/gene="BR-169"
8
                                    /gene="BR-169"
                                                         9. .10
/gene="BR-169"
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Best Local Similarity
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AB069407
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                                                                                                                                J_segment
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                        N_region
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AB069407/c
LOCUS
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ACCESSION
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KEYWORDS
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               PF 07-UUL-1999 UP 2000558241

PR 07-UUL-1999 US 60/091873

PI DANGE VERRAPANANE, SHOJI HAMANAKA, HIROYUKI KUBO, IWAO NOZAWA PC 07721/0-1998 US 60/091873

PI DANGE VERRAPANANE, SHOJI HAMANAKA, HIROYUKI KUBO, IWAO NOZAWA PC COTH21/04, AGIK31/7105, AGIR31/711, AGIR31/7125, AGIR35/76 PC CART/48, AGIR48/00, PC AGIR15/09, PC CI2N15/09, PC CI2N15/09, PC CI2N15/09

CC Description of Artificial Sequence: Synthetic Oligonucleotide CC Sequence

FH Key Location/Qualifiers

FT Source //organism='Artificial Sequence'.
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Mammalia, Butheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pullen, A.M. and Bogatzki, L.Y.
Seceptors or T cells escaping superantigen-mediated deletion lack special beta-chain junctional region structural characteristics J. Immunol. 156 (5), 1865-1872 (1996)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     M.musculus mRNA for T-cell receptor beta chain junction region (BR-169).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Direct Submission
Submitted (10-JAN-1996) A.M. Pullen, University of Washington, Howard Highes Medical Institute, SL-15 Seattle, WA 98195, USA Overlaps with sequences in Nature, 309:322-325 (1984); Nature, 310:387-391 [1984] and Nature, 311:344-349 (1984).
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beta-chain; junctional region; T cell receptor.
Mus musculus (house mouse)
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/gene="BR-169"
/product="T cell receptor beta chain"
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Pred. No. 8.1e+02;
0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db.xref="taxon:32630"
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/db_xref="texon:10090"
/cell_type="T_cell hybridomas"
/dev_stage="adult"
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/mol_type="mRNA"
/strain="B10.BR"
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note="V beta 3+"
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87.5%; I
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Silvestrini, M.C., Cutruzzola, F., Ciabatti, Ilaria, Zennaro, E., Visco, C., Discepolo and Massimo.

Visco, C., Discepolo and Massimo.

RECOMBINANT PROCESS FOR THE PRODUCTION IN PSEUDOWONAS PUTIDA OF THE PATCHROME CS51 OF PSEUDOWONAS AREUGINOSA PATCHROME CS51 OF PSEUDOWONAS AREUGINOSA MINI RICERCA SCIENT TECNOLOG (IT)

Other publication IT Mi960515 19970915.
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Pred. No. 8.8e+02;
0; Mismatches 2;
                          0.7%; Score 12.8; DB 1;
87.5%; Pred. No. 8.8e+02;
tive 0; Mismatches 2;
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87.5%; Pred. No. 8.8e+02;
rative 0; Mismatches 2;
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unclassified.
1 (base 1 to 19)
Stuyver, L., Rossau, R. and Maertens, G.
METHOD FOR TYPING AND DETECTING HBV
PATENT: WO 9740193-A 55 30-OCT-1997;
INNOGENETICS NV (BE)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db xref="taxon:32644"
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/db xref="taxon:32644"
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Sequence 55 from Patent WO9740193.
A66888
A66888.1 GI:4538259
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Sequence 3 from Patent WO9735011.
A65232
A65232.1 GI:4531027
/db_xref="taxon:32644"
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1 Similarity 87.5%;
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Matches 14; Conservative
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                                                                       NUCLECTIDIC SEQUENCES OF ACTINOMYCETALES, APPLICATIONS TO THE SYNTHESIS OR DETECTION OF NUCLEIC ACIDS, PRODUCTS OF EXPRESSION OF SUCH SEQUENCES AND APPLICATION AS IMMUNOGENIC COMPOSITIONS PATCHE: WO 9012875-A 24 01-NOV-1990; Location/Qualifiers
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Courtney, M., Degryse, E. and Loison, G.
Hirudin variants, their use and process for their preparation
Patent: EP 0332523-A 3 13-SEP-1989;
TRANSGENE S.A
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87.5%; Pred. No. 8.8e+02;
Live 0; Mismatches 2; Indels
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A03708
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Nucleotide sequence 3 from patent number EP0332523.
A17595
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87.5%; Pred. No. 8.8e+02;
tive 0; Mismatches 2;
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/db xref="taxon:32630"
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/mol_type="unassigned DNA"
/db xref="taxon:32644"
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/organism="unidentified"
/mol_type="unassigned DNA"
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                                                                                                          Query Match 0.7%; Score 12.8; DB 1; Best Local Similarity 87.5%; Pred. No. 8.8e+02; Matches 14; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Ouery Match 0.7%; Score 12.8; DB 1; Best Local Similarity 87.5%; Pred. No. 8.8e+02; Matches 14; Conservative 0; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Universal distribution of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the parameters of the 
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Cech.T.R. and Lingner, J.
Telomerase
Patent: US 6093809-A 95 25-JUL-2000;
Location/Qualifiers
1. .19
/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/wol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                                                              Sequence 39 from patent US 5817762.
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Sequence 95 from patent US 6093809.
AR104563.1 GI:12817271
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                                                                                                                                                                                                    1586 CTTTCGCGTGGA 1601
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AR143669
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AR044951/c
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1 (bases 1 to 19)

Carrino.V.J. and Brainard,T.D.

Probe masking method of reducing background in an amplification reaction
Patent: US 5814492-A 28 29-SEP-1998;
                                                                                                                                                                                                                                           (Dasses 1 to 19)
Kleyn, P.W., Moore, K.J. and Kapeller, R.
Methods for identifying compounds that modulate mammalian tub
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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Kleyn,P.W. and Moore,K.J.
Methods for detecting mammalian tub protein and RNA
Patent: US 5871931-A 39 16-FEB-1999;
Location/Qualifiers
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Patent: US 5861239-A 39 19-JAN-1999;
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 28 from patent US 5814492.
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Sequence 39 from patent US 5871931.
AR035731. GI:5952399
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Sequence 39 from patent US 5861239.
AR029732
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AR043569.1 GI:5964577
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AR035731/c
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                             RESULT 1711
AR029732/c
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ACCESSION
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Unclassified.

1 (Dases 1 to 19)
Feitelson,J.S., Schnepf,H.Ernest., Narva,K.E., Stockhoff,B.A.,
Schmeits,J., Loewer,D., Dullum,C.Joseph., Muller-Cohn,J., Stamp,L.,
Morrill,G. and Finstad-Lee,S.
Pesticidal toxins and nucleotide sequences which encode these
                                                                                                                                                                                                                                                                                                                                                                                                                        Tobases 1 to 19)
Feitelson, J.S., Schnepf, H.Ernest., Narva, K.E., Stockhoff, B.A., Schnepf, H.Ernest., Narva, K.E., Stockhoff, B.A., Schnepf, J. Douer, D., Dullum, C.Joseph., Muller-Cohn, J., Stamp, L., Morrill, G. and Finstad-Tee, S.
Pesticidal toxins and nucleotide sequences which encode these
                                                                                                                                                                                                                                                                                           PAT 08-AUG-2001
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Conservative 0; Mismatches 2; Indels
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0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 8.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Location/Qualifiers
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Location/Qualifiers
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Sequence 84 from patent US 6242669.
ARI57243.1 GI:15125947
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                                                                    /mol_type="unassigned DNA"
   Patent: US 6238876-A 9 29-MAY-2001;
Location/Qualifiers
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Best Local Similarity
Matches 14; Conserv
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1 (bases 1 to 19)
Altaba,A.Ruizi.
Methods and materials for the diagnosis and treatment of sporadic
                                                                                                  Unclassified.

1 (Dases 1 to 19)
Feitelson,J.S., Schnepf,H.Ernest., Narva,K.E., Stockhoff,B.A., Schneits,J., Loewer,D., Dullum,C.Joseph., Muller-Cohn,J. and Stamp,L.M.

Pesticidal toxins and nucleotide sequences which encode these
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Feitelson,J.S., Schnepf,H.Ernest., Narva,K.E., Stockhoff,B.A.
Schmeits,J., Loewer,D., Dullum,C.Joseph., Muller-Cohn,J. and
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ARI43696
ARI43696.1 GI:15104982
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Location/Qualifiers
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Location/Qualifiers
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/mol_type="unassigned DNA"
Sequence 84 from patent US 6204435.
AR143669
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Sequence 9 from patent US 6238876.
AR154254 GI:15122307
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PI CBATA BUNYA, KASHIWAGI NOBORU, ABE AKIO, MIYAKOSHI TERUICHI PC CL2NIS/11,COTAL/04,CI2NIS/10,CI2Q1/68,GOIN33/53; GC strandedness: Single; CC topology: Linear; CC topology: Linear; CC hypothetical: No; CC anti-sense: No; CC anti-sense: No; FH Key Location/Qual:f: FT FT FT FT
                   ALPHAGENE INC

OS Artificial Sequence

PN 72 200253757-A/61

PD 12-NOV-2002

PP 24-AUG-1999 UP 2000566287

PR 24-AUG-1999 US 60/097638,24-AUG-1998 US 60/102092 PR

25-NOV-1998 US 60/109978,23-DBC-1998 US 60/113645 PR

25-NOV-1998 US 60/113646,23-DBC-1999 US 60/113645 PR

25-DBC-1998 US 60/113646,23-DBC-1999 US 60/113645 PR

25-DBC-1998 US 60/113646,23-AUG-1999 US 109/113645 PR

25-DBC-1998 US 60/113646,23-AUG-1999 US 109/113645 PR

25-DBC-1998 US 60/113646,23-AUG-1999 US 109/113645 PR DARIO

26-DBC-1998 US 109/113646,03-AUG-1999 US 109/113645 PR DARIO

26-DBC-1998 US 109/113646 PR DARIO

27-DBC-1998 US 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/113645 PR 109/1136
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1 (bases 1 to 12)

Obata, B., Kashiwagi, N., Abe, A. and Miyakoshi, T.
GROUP OF BASE SEQUENCE FOR HLA-DR TYPING AND HLA-DR TYPING METHOD PUSING THE SAME BASE SEQUENCE.

Patent: JP 1994090757-A. 68 05-APR-1994;

KITASATO INST:THE, MITSUI PETROCHEM IND LTD

Phy 1994090757-A/68

Phy 1994090757-A/68

Phy 1994090757-A/68
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'organism='Artificial Sequence'
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/cell type='leukocyte'.
Location/Qualifiers
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/organism="synthetic construct"
  Patent: JP 2002537757-A 61 12-NOV-2002;
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/wol_type="genomic DNA"
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/db_xref="taxon:32630"
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JP 1994090757-A/68.
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Valenzuela, D., Yuan, O., Hoffman, H., Hall, J. and Rapiejko, P.
Secreted proteins and polynucleotides encoding them
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Grabau, F.A. and Hegeman, C.
Soybean phytase and nucleic acid encoding the same
Patent: US 6303766-A 11 16-OCT-2001;
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1 Similarity 87.5%; Pred. No. 8.8e+02;
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Patent: US 6309867-A 95 30-OCT-2001;
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AR175824
AR175824 GI:17917123
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Sequence 11 from patent US 6303766.
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/organism="unknown"
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Cech, T.R. and Nakamura, T.
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AR173209.1 GI:17912700
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Unclassified.
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Matches 14; Conserv
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AR173209/c
LOCUS
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AR175824/c
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PAT 20-DEC-2002
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C12Q1/48,C12Q1/68,G01N33/15,G01N33/48,G01N33/50//C07K14/47, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PAT 07-0CT-1997
                                                                                                                                                                                                                                                   CALVIN B HAREI, WILLIAM H ANDREWS
C12N15/09,A61K31/70,A61K38/55,A61K39/395,A61K39/395,A61K48/00,
                                                                                                                                                                                                                                                                                                                                                                                C12R1.84),
PC (C12N1/21,C12R1.19),(C12N9/12,C12R1.84),
PC (C12N1/21,C12R1.19),(C12N9/12,C12R1.84),
PC (C12N1/21,C12R1.191),C12N15/00,A61K37/64,C12N5/00 CC
Strandedness: Single,
CC Topology: Linear;
EH Key
Location/Qualifiers
FT source
/organism='Unidentified'.
                                                                                                                                                                                                                                                                                                                                       COTKIG/40,
C C12N1/19, C12N1/21, C12N5/10, C12N9/12, C12P21/08, (C12N1/19,
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              OS Unidentified
PN JP 199253177-A/48
PD 21-SEP-1999
PP 15-07-1996 US 08/724-643,18-APR-1997 US 08/844.419
PP 1907 US 08/846.017,06-MAY-1997 US 08/851.843, PR 09-MAY-1997 US 08/854.050,14-AUG-1997 US 08/911.312, PR 14-AUG-1997 US 08/912.951,14-AUG-1997 
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/organism='Unidentified'
Location/Qualifiers
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87.5%; Pred. No. 8.8e+02;
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Pred. No. 8.8e+02;
0; Mismatches 2
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CORP, UNIVERSITY TECHNOLOGY CORP
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Kleyn, P.W. and Moore, K.J.
Mammalian tub gene
Patent: US 5646040-A 39 08-JUL-1997;
Location/Qualifiers
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152237
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1. .19
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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ilarity 87.5%;
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LOCUS
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VERSION
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                   COMMENT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OC Artificial sequences.
PD 05-APR-1994;
NODE 0C Artificial sequences.
PD 05-APR-1994
PF 24-AUG-1991 UP 91P 212472
PI 08ATA BUNYA, KASHIWAGI NOBORU, ABE AKIO, MIYAKOSHI TERUICHI PC CL2N15/11, COT421/04, C12N15/10, C12Q1/68, G01N33/53, GC C topology: Linear;
CC topology: Linear;
CC topothetical: No;
FH Key Location/~~~**
FT source
FT source
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   unclassified.

1 (bases 1 to 19)

Chadra, R., Rashiwagi, N., Abe, A. and Miyakoshi, T.

GROUP OF BASE SEQUENCE FOR HIA-DR TYPING AND HIA-DR TYPING METHOD USING THE SAME BASE SEQUENCE
Patent: JP 1994090757-A 69 05-APR-1994;

KITASATO INST:THE, MITSUI PETROCHEM IND LTD
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1 (bases 1 to 19)

Thomas.R.S., Jochimu.R., Toru,N., Karen,B.C., Greg,B.M., Calvin,B.H. and William,H.A.

Human telomerase catalytic subunit promoter

Patent: JP 1999253177-A 48 21-SEP-1999;
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/organism='Artificial sequences'
Location/Qualifiers
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87.5%; Pred. No. 8.8e+02;
iive 0; Mismatches 2; Indels
                                        0.7%; Score 12.8; DB 1; Length 19;
llarity 87.5%; Pred. No. 8.8e+02;
Conservative 0; Mismatches 2; Indels
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B3640.
B3640. G1:13022803
unidentified
unidentified

    .19
    /organism="unidentified"
    /mol_type="genomic DNA"
    /db_xref="taxon:32644"

                                                                                                                                                                                                                                                                                                   19 bp
/db xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                      for HLA-DR antigen gene.
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                                                                                                                                                                        CACGITCICTCTCTGG 3
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E07095
E07095.1 GI:2175245
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B07095
LOCUS
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LOCUS
DEFINITION
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PAT 18-DEC-2003
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                                                                                                                                                                         PAT 18-DEC-2003
                                                                                                                                                                                                                                                      Unknown.
Unknown.
Undlassified.

1 (bases 1 to 19)

Kleyn,Pw. and Moore,K.J.

Screening methods for compounds useful for the treatment of body weight disorders, including obesity
Patent: US 6605437-A 39 12-AUG-2003;

Location/Qualifiers
                                           Gaps
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Patent: US 6610839-A 387 26-AUG-2003;
            Query Match
0.7%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.8e+02;
Matches 14; Conservative 0; Mismatches 2;
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Seguence 39 from patent US 6605437.
AR374446
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Unclassified.
1 (bases 1 to 19)
Morin, G.B. and Andrews, W.H.
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Conservative
                                                                                                     19 CIGICACIGACACIGC 4
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AR390517/c
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AR393131/c
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AR374446/c
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                                                                                                        Human telomerase catalytic subunit: diagnostic and therapeutic methods
                                                                       1 (bases 1 to 19)
Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B.,
Harley,C.B. and Andrews,W.H.
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Responsible to the second of the human genome disequilibrium map of the human genome location/Qualifiers

Location/Qualifiers
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Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome Patent: US 6537751-A 4919 25-MAR-2003;
Location/Qualifiers
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1 Similarity 87.5%; Pred. No. 8.8e+02;
14; Conservative 0; Mismatches 2; Indels
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Seguence 7743 from patent US 6537751.
AR296008
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                                                                                                                                              Patent: US 6475789-A 154 05-NOV-2002;
                                                                                                                                                                         1. .19
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   GI:27290572
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Best Local Similarity
Matches 14; Conserv
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AR293184
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AR296008/c
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PAT 24-NOV-2000

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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent: WO 9937763-A 34 29-UUL-1999;
FLEGEL WILLY A (DE) ; WAGNER FRANZ F (DE) ; DRK BLUTSPENDEDIENST
BADEN WUE (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Robbins, J.M. and Tritz, R. Ribozyme therapy for the treatment of proliferative skin and eye
                                                                                                                                                                                                                                                                                                                                                                                                                 Flegel, W.A. and Wagner, F.F. Novel nucleic acid molecules correlated with the rhesus weak {\bf d}
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/db_xref="taxon:9606"
/note="Cdk2 ribozyme binding site"
                                                                   11arity 0.7%; Score 12.8; DB 1; 87.5%; Pred. No. 8.8e+02; Conservative 0; Mismatches 2;
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87.5%; Pred. No. 8.8e+02;
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Patent: WO 0130362-A 215 03-MAY-2001;
IMMUSOL, INC. (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                      Sequence 34 from Patent W09937763. AX022507
     1. .19
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Homo sapiens
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                                                                   1 (bases 1 to 19)
Cech,T.R., Lingmer,J., Nakamura,T., Chapman,K.B., Morin,G.B.,
Harley,C.B. and Andrews,W.H.
Cells immortalized with telomerase reverse transcriptase for use in
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Feitelson, J.S., Schnepf, H.E., Narva, K.E., Stockhoff, B.A., Schmeits, J., Loewer, D., Dullum, C.J., Muller-Cohn, J., Stamp, L., Morrill, G. and Finstad-Lee, S.
Pesticidal toxins and nucleotide sequences which encode these
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 (bases 1 to 19)
Feitelson, J.S., Schnepf, H.E., Narva, K.E., Stockhoff, B.A., Schmeits, J., Loewer, D., Dullum, C.J., Muller-Cohn, J., Stamp, L., Morrill, G. and Finstad-Lee, S.
Pesticidal toxins and nucleotide sequences which encode these
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                                                                                                                                    drug screening
Patent: US 6617110-A 387 09-SEP-2003;
Location/Qualifiers
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Location/Qualifiers
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Sequence 122 from patent US 6656908.
AR437250
AR437250.1 GI:40202107
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Location/Qualifiers
1. .19
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Sequence 84 from patent US 6656908.
AR437223
AR437223.1 GI:40202080
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                                 Unknown.
Unclassified.
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Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidee; Homo.
                                                                                                                                Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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IMMUSOL, INC. (US)
Location/Qualifiers
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IMMUSOL, INC. (US)
Location/Qualifiers
Sequence 326 from Patent W00130362. AX129108 AX129108.1 GI:14135413
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Sequence 717 from Patent W00130362.
AX129499
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                                                                                                                                                                                                                                                                                                                /organism="Homo sapiens"
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Homo sapiens
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Ribozyme therapy for the treatment of proliferative skin and eye
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/db_xref="taxon:9606"
/noTe="CdK2 ribozyme binding site"
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Patent: WO 0130362-A 300 03-MAY-2001;
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Sequence 300 from Patent W00130362.
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Location/Qualifiers
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Location/Qualifiers
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   GGTGCTACACCGAGAC 981
                                  GGTCCTCCACCGAGAC 19
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Homo sapiens (human) Homo sapiens

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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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0.7%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.8e+02;
Matches 14; Conservative 0; Mismatches 2;
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IMMUSOL, INC. (US)
Location/Qualifiers
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     INC. (US)
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Eukaryota, Metazoa; Chordata; Craniata, Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Ribozyme therapy for the treatment of proliferative skin and eye diseases
Patent: WO 0130362-A 2019 03-MAY-2001;
                                                                         Ribozyme therapy for the treatment of proliferative skin and eye diseases
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/db_xref="taxon:9606"
/note="Cyclin D3 ribozyme binding site"
                                                                                                                                                                                      /organism="Homo sapiens"

"mol type="unassigned DNA"

/db xref="taxon:9606"

/noTe="CdK7 ribozyme binding site"
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IMMUSOL, INC. (US)
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Sequence 2018 from Patent W00130362.
AX130800
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AX130801
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                                                     Robbins, J.M. and Tritz, R.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Butele
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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37.5%; Pred. No. 8.8e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Cdc25 hs ribozyme binding site"
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Patent: BP 1174518-A 84 23-JAM-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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/organism="synthetic construct"
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/db xref="taxon:32630"
/noTe="position 62"
                                                                            Sequence 3579 from Patent W00130362.
AX132361.
AX132361.1 GI:14138666
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INMUSOL, INC. (US)
Location/Qualifiers
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Sequence 84 from Patent EP1174518.
AX352878
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Sequence 84 from Patent W00208463.
AX362723 AX362723.1 GI:18694863
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17 AGGCCCCAAAACCTGC 2
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Ribozyme therapy for the treatment of proliferative skin and eye diseases
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Best Local Similarity 87.5%; Pred. No. 8.8e+02;
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/db_xref="taxon:9606"
/note="Cyclin Al ribozyme binding site"
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/db_xref="taxon:9606"
/note="Cyclin Al ribozyme binding site"
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IMMUSOL, INC. (US)
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Sequence 2972 from Patent W00130362.
AX131754
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Sequence 2973 from Patent W00130362.
AX131755. GI:14138060
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/organism="Homo sapiens"
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AX131755/c
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Universite de la Mediterranee, AIX-Marseille II (FR)
                                                                                                                                            /note="n represents deoxythymidylate labeled with 6-carboxyfluorescein (6-FAM)" /mod_base=OTHER
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87.5%; Pred. No. 8.8e+02;
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                                                                          /mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Oligonucleotides"
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Pred. No. 8.8e+02;
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                                                           organism="synthetic construct"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
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Patent: WO 03000727-A 87 03-JAN-2003;
ISIS INNOVATION LIMITED (GB)
Location/Qualifiers
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Sequence 87 from Patent WO03000727.
AX699146
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         Eragen Biosciences, Inc.
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Use of a transgene encoding a vertebrate phytase to increase capacity to utilize phytic acid in livescock feed
capacity to utilize phytic acid in livescock feed
Patent: WO 0214494-A 1 21-FEB-2002;
THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US);
University of Rochester (US); North Carolina State University (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PAT 18-JUN-2002
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Roesch,B.B., Scherrer,C.W., Sherrill,C.B. and Ptacin,J.L.
Solid support assay systems and methods utilizing non-standard
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37.5%; Pred. No. 8.8e+02;
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                                                                               Loukachov,V.V., Goudsmit,J. and van Gemen,B. Collection of binding molecules Patent: WO 0208463-W 84 31-JAN-2002, Amsterdam Support Diagnostics B.V. (NL) Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="position 62"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 123 from Patent W00233126.
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AUTHORS TITLE REFERENCE

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RESULT 1756 AX801930 LOCUS DEFINITION ACCESSION

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BDUUB723 19-JAN 19 DNA linear PAT 31-JAN-2002 Novel pesticidal toxins and nucleotide sequences which encode these toxins.
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unclassified.
1 (bases 1 to 19)
Feitelson, U.S., Schnepf, B.H., Narva, K.E., Stockhoff, B.A.,
Schmeits, J.L., Loewer, D., Schwab, G., Dullum, C.J., Cohn, J.M. and
                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: Synthetic oligonucleotide"
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Antigen fragments for the diagnosis of Toxoplasma gondii
Patent: WO 03080839-A 12 02-OCT-2003;
Kenton S.r.l. (IT)
Location/Qualifiers
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PI CHARLES JOSEPH DULLUM,
PC CLONS MULLER COHN, LISA STAMP
PC CLONS (2.07KL4/325, Cl2Q1/68, A0lN63/00, Cl2N15/82 CC
Strandedness: Single,
C Topology: Linear;
CC Topology: Linear;
FF Key 1.19
/organism='Unidentified'.
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87.5%; Pred. No. 8.8e+02;
tive 0; Mismatches 2;
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MYCOGEN CORP
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Sequence 12 from Patent WO03080839.
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JP 2001502919-A/51
06-MAR-2001
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JP 2001502919-A/51.
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Patent: EP 1333094-A 387 06-AUG-2003;
Geron Corporation (US); University Technology Corporation (US)
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/organism="Scomber scombrus"
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Sequence 69 from Patent W003057913.
AX801930
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Sequence 387 from Patent EP1333094.
AX810422
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                                                                                                                      1678 CCCAACTACATCTTCC 1693
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/note="Primer"
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unidentified
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Best Local Simi
Matches 14;
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LOCUS RESULT 1757 AX810422/c

ACCESSION

VERSION KEYWORDS

ORGANISM

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REFERENCE AUTHORS JOURNAL

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                                                                                                                                                                                                                                                                                       CALVIN B HARLEY, WILLIAM H ANDREWS
AGIK38/00,AGIK31/7088,AGIK39/00,AGIK48/00,AGIP35/00,AGIP43/00,
                                                                                                                                                                                                                                                                                         PI CALVIN B HARLEY, WILLIAM H ANDREWS

AGINSA9/00, AGIRS1/7088, AGIRS39/00, AGIRS48/00, AGIPS5/00, AGIP43/00

PC AGIRS710,

PC CO7K5/107, CO7K5/117, CO7K7/06, CO7K7/08, CO7K16/40, C12N9/12, PC

C12N15/09,

PC C12Q1/02, C12Q1/48, C12Q1/68, G01N33/15, G01N33/53, PC

G01N33/53,
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JP 2001321190-A/282
20-NOV-2001
12-MAN-2001 JP 2001068285
EIICHI SOEDA
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, I
                                                                                                                                                                                                                                                         GREG
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 Sechi,T.R., Linguer,J., Nakamura,T., Chapman,K.B., Mori,G.B., Harley,C.B. and Andrews,W.H.
Human telomerase catalytic subunit
Patent: JP 2001081042-A 48 27-MAR-2001,
GERON CORP.UNIVERSITY TECHNOLOGY CORP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Soeda_E.
A method of arraying genome clone
Patent: JP 2001321190-A 282 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
                                                                                                                                                                                                                                                                                                                                                                                                                          GOIN33/566,GOIN33/573//C12P21/08,A61K37/02,C12N15/00 CC
                                                                                                 PN JP 2001081042-A/48
PD 27-MAR-2001
PF 27-JUL-2000 JP 2000227474
RR 01-007-1996 US 08/745443,18-APR-1997 US 08/884441
25-APR-1997 US 08/846017,06-MAY-1997 US 08/851843 PR
14-AUG-1997 US 08/854050,14-AUG-1997 US 08/91312 PR
R SECHI, JOACHIM LINGNER, TORU NAKAMURA, KAREN B CHAPMAN, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Description of Artificial Sequence:Synthetic DNA FH Location/Qualifiers
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1. .19 /organism='Artificial Sequence'
1. .19
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0.7%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 8.8e+02;
Matches 14; Conservative 0; Mismatches 2
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/organism="unidentified"
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/db_xref="taxon:32644"
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/organism='Unidentified'.
Location/Qualifiers
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JP 2001321190-A/282.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 19)
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Strandedness: Single;
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LOCUS
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                                                                                                                                                                                                                                                                                                                                                                                                                unclassified.
1 (bases 1 to 19)
Feitelson, J.S., Schnepf, B.H., Narva, K.E., Stockhoff, B.A., Schmeits, J.L., Loewer, D., Schwab, G., Dullum, C.J., Cohn, J.M. and
                                                                                                 Gaps
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PI JAMES L SCHWEITS, DAVID LOEWER, GEORGE SCHWAB,
PI JAMES L SCHMEITS, DAVID LOEWER, GEORGE SCHWAB,
PI CHARLES JOSEPH DULLUM,
PI JUDY MULLER COHN, LISA STAMP
PC CIZNIS/32, COTKH4/325, CI2QI/68, A01N63/00, CI2NIS/82 CC
Strandedness: Single;
CC Topology: Linear;
FH Key
FT source
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                                                   Query Match 0.7%; Score 12.8; DB 1; Length 19; Best Local Similarity 87.5%; Pred. No. 8.8e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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/organism='Unidentified'
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent: JP 2001502919-A 78 06-MAR-2001;
MYCOGEN CORP
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BD011091.1 GI:18639464
JP 2001091.2 A/48.
unidentified
unclassified.
1 (bases 1 to 19)
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JP 2001502919-A/78
06-MAR-2001
30-OCT-1997 JP 1998520788
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BD008750.1 GI:18637123
JP 2001502919~A/78.
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unidentified
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Best Local Similarity
Matches 14; Conserv
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BD011091/c
LOCUS
DEFINITION 1
ACCESSION 1
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1 JP 2001321190-A/1941

20-NOV-2001

1 12-MAR-2001 JP 2001068285

E EIICHI SOEDA

1 C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC

C12N15/00,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Artificial Sequence
JP 2001321190-A/2116
20-1001
12-NOV-2001
EILCHI SOEDA
C12N15/09,C12N15/09,C12N1/00,C12Q1/68,G01N33/53,G01N33/566,
                                                                                                               Key
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Patent: JP 2001321190-A 2116 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGBNKAISHA
GENOTECHS
                                                                                                            Description of Artificial Sequence: Synthetic DNA FH
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                                                                                                                                                       /organism='Artificial Sequence' Location/Qualifiers
                                                                                                                                                                                                                                                              0.7%; Score 12.8; DB 1; Length 19; 37.5%; Pred. No. 8.8e+02; ve 0; Mismatches 2; Indels
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1. .19
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/db_xref="taxon:32630"
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A method of arraying genome clone.
BD089872. GI:22635482
JP 2001321190-A/2116.
                                                                                                                          Location/Qualifiers
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Conservative
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1 (bases 1 to 19)
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synthetic construct
                                                                                            C12N15/00
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Best Local Similarity
Matches 14; Conserv
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Best Local Similarity
Matches 14; Conserv
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VERSION
KEYWORDS
SOURCE
ORGANISM
                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 1765
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C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
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                                                                                              Gaps
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Patent: JP 2001321190-A 1222 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA GENOTECHS
OS Artificial Sequence
PN JP 2001321190-A/1222
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EIICHI SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/5
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Patent: JP 2001321190-A 1941 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
OS Artificial Sequence
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                                                            Length 19;
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                                                                                          Indels
                                                         0.7%; Score 12.8; DB 1;
87.5%; Pred. No. 8.8e+02;
rative 0; Mismatches 2;
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
/organism="synthetic construct'
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                               DNA
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                                                                                                                                                                                                                        A method of arraying genome clone.
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JP 2001321190-A/1941.
Synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 19)
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JP 2001321190-A/1222.
                                                                                                                     920 TCCTGTTCCAGCTGCT 935
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1 (bases 1 to 19)
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Best Local Similarity
Matches 14; Conserv
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CC
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1:1
                                                         Query Match
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BD088978/c
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BD089697
LOCUS
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Matches
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JOURNAL
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Novel human chromosome 16 genes, compositions, methods of making and using same.

BD204792
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JP 2002514903-A/23.
Synthetic construct
synthetic construct
artificial sequences.
I (bases 1 to 19)
Landes,G.M., Burn,T.C., Connors,T.D., Dackowski,W.R., Raay,T.J.V.
and Klinger,K.W.
Novel human chromosome 16 genes, compositions, methods of making
                                                                                                                                                                                                                                                                                                                                                                                                    Euteleostomi;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OS Homo sapiens (human)

DN 1202516657-A/507

PN 12 202516657-A/507

PD 11-JUN-2002

PF 22-DEC-1998 JP 2000525562

PR 22-DEC-1997 US 08/996306,09-SEP-1998 US 60/099658 PI

PR 22-DEC-1997 US 08/996306,09-SEP-1998 US 60/099658 PI

CLEANIS, MARTA BLUMENFELD, ILYA CHUMAKOV, LYDIE BOUGUELERET PC CLEANIS,09, CLINIS/09, A01K67/027, CO7K14/47, CO7K16/18, CLINI/15, PC CLINI/19,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CI2N1/21, C12NS/10, C12NS/10, C12P21/08, C12Q1/68, G01N33/50 PC N15/00, C12NS/00, C12NS/00, C12NS/00, C12NS/00, C12NS/00, C12N15/00 potential microsequencing oligo for 4-56-159.mis2 FH Key Location/Qualifiers primer bind 1.19.
                                                                                                              Gaps
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                                                                                                                                                                                                                                                                                                                                                                             Homo sapiens

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Butelec
Bukaryota; Metazoa; Chordata; Catarrhini; Hominidae; Homo.

1 (Base 1 to 19)

Cohen,D., Blumenfeld,M., Chumakov,I. and Bougueleret,L.
Patent: JP 2002516657-A 507 11-JUN-2002;

GENSER
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                                                                           Length 19;
                                                                                                                                                                                                                                                                        linear
                                                                                                            Indels
                                                                           DB 1;
                                                                       0.7%; Score 12.8; DB 1;
87.5%; Pred. No. 8.8e+02;
rative 0; Mismatches 2
                                                                                                                                                                                                                                                                        DNA
 /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1. .19
/organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="genomic_DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                        19 bp
                                                                                                                                                                                                                                                                                       Prostatic cancer gene.
BD196918.1 GI:33006688
JP 2002516657-A/507.
Homo sapiens (human)
                                                                                                                                              1447 AAACATCCATTCTTCC 1462
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              713 GACTGGAACATGAAGA 728
                                                                                                                                                                                2 AAAAACCCATTCTTCC 17
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                                                                                                            Conservative
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                                                                                          Similarity
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Matches 14; Conserv
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, C12N15/
PC C121
CC POCE
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Best Local (
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BD196918
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BD204792
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DEFINITION
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SOURCE
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VERSION
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AUTHORS
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Fregel, V.A. and Wagner, F.F.
Novel nucleic acid molecule correlating to Rhesus weak D phenotype
Patent: JP 20025008844 3 4 15-JAN-2002,
DRK BLUTSPENDEDIENST BADEN WUERTIEMBERG GGMBH
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C12N15/09,C07K14/47,C07K16/18,C12N1/15,C12N1/19,C12N1/21,C12N5/
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                                                                                                                                                                                         OS Artificial Sequence
PN WO 0135098-A/28
PD 17-MAY-2001
PP 24-OCT-2000 WO 2000JP007415
PR 05-NOV-1999 JP 99P 315610
PI KUNOSHIN KATO, HIROYUKI IZU, KIYOZO ASADA
PC GOLN33/543,G01N33/521,G01N33/53,G01N33/566,G01N37/00 CC
Designed olignuclectide primer for amplifying a portion of
                                              Synthetic construct
synthetic construct
artificial sequences.

[ thases I to 19]

Kato, I., Izu, H. and Asada, K.
Substrate for immobilizing ligand
batent: WO 0135098-A 28 17-MAY-2001;

TAKARA SHUZO CO LID, IKUNOSHIN KATO, HIROYUKI IZU, KIYOZO ASADA
OS Artificial Sequence
PN WO 0135098-A/28

PD 17-MAY-2001
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/organism='Artificial Sequence'
Location/Qualifiers
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Location/Qualifiers
1..19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.7%; Score 12.8; DB 1;
87.5%; Pred. No. 8.8e+02;
tive 0; Mismatches 2;
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Key Location/Qualifiers source 1..19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xxef="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                               Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unidentified
JP 2002500884-A/34
15-JAN-2002
18-JAN-1998 BP 98101203.2
VILLY A FREGEL, FRANZ F WAGNER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Strandedness: Single;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          BD124095
BD124095.1 GI:23219040
                BD094590.1 GI:22640178
WO 0135098-A/28.
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                                                                                                                                                                                                                                                                                                                                                             receptor gene.
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BD124095
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                VERSION
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Synthetic construct DNA, reverse primer for human STS sts-D182795 at 1p36.
AB068059
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Brewer, G.J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Original source text: Canis familiaris DNA.

Gene-specific universal mammalian sequence-tagged site for SPTBNI.

Primer for the 3' end of the product is in exon 14. Human product is 1054 bp. Canine product is 900 bp. PCR conditions: Imin, 94 C, min 57 C, 5 min 72 C, 40 cycles (hot start).

Location/Qualifiers
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                                                                                                                             'clone_lib="Arabidopsis thaliana T-DNA insertion lines"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STS; Beta Spectrin (Non-RBC); PCR identification; PCR primer; sequence tagged site; universal mammalian STS.
Canis familiaris (dog)
Canis familiaris
Canis familiaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostc
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostc
I (bases I to 19)
Venta, P.J., Brouillette, J.A., Yuzbasiyan-Gurkan, V. and Brewer, application in the canine genome
Unpublished (1996)
                                                                                                                                                                                                                                                                                                                                                           Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.7%; Score 12.8; DB 1; Length 19; 37.5%; Pred. No. 8.8e+02; ve 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                           Length 19;
                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                    0.7%; Score 12.8; DB 1;
87.5%; Pred. No. 8.8e+02;
tive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /note="PCR primer binding site"
/evidence=experimental
                                                                                                                                                                1. .19<sup>-</sup>
/note="T-DNA flanking sequence
left border"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Canis familiaris"
/mol_type="genomic DNA"
/db_xref="taxon:9615"
         /mol_type="genomic_DNA"
/cultivar="Wassillewskija"
/db_xref="taxon:3702"
/clone="339D06"
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Balzergue, S.
Balzergue, S.
Direct Submission

All Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue
Gaston Cramieux, 91057 Evry cedex, FRANCE

Gaston Cramieux, 91057 Evry cedex, FRANCE

PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence flanking the insertion. T-DNA
derived sequences were removed. Information to order the
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
http://dbsap.versailles.inra/fr/publiclines/. This sequence has
been generated in the framework of the French plant genomics
program 'Genoplante' (http://www.genoplante.com and
http://genoplante-info.infobiogen.fr).

Johnson PCR Was paramal
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Arabidopsis thaliana T-DNA flanking sequence, left border, clone
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TERENCE J VAN RAAY,KATHERINE W KLINGER
C12N15/12,C12N15/85,C07K14/47,C07K14/475,C07K16/18,A01K67/027
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
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larity 87.5%; Pred. No. 8.8e+02;
Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                          08/665259,01-OCT-1996 US
and using same
Patent: JP 2002514903-A 23 21-MAY-2002;
GENZYME CORP
OS Synthetic construct
N JP 2002514903-A/23
PD 21-MAY-2002
PP 12-MAY-2002
PP 16-JAN-1997 JP 1998502904
PR 17-UNN-1996 US 08/765200
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    19
        /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

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AJ587912.1 GI:37937536
left border, T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
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(bases 1 to 19)
 Query Match 0.7
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/note="reverse primer for human STS sts-R205J15F at 1p36
sts-R205J15F obtained from clones B70M12, B140F15, B149E13,
B196L9, B205J15, Human BAC library RPCI-11"
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A BAC-based STS-content map spanning a 35-Mb region of human
Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H., Morohashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A. and Soeda, E.
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                                                                                                                                                                                 Direct Submission
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)

    19
/note="reverse primer for human STS sts-DIS2795 at 1p36

                                                                                                                                                                                                                                                                                                                                                                                                                 sts-DIS2795 obtained from clones BI55A20, B184F11, B230G10, B230F23, B230D10, B80L17, B325H10, Human BAC library RPCI-11"
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                                                         A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36 Genomics 74 (1), 55-70 (2001)
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ABG68809 19 bp DNA linear SYN 21-MAY-2003
Synthetic construct DNA, reverse primer for human STS sts-IB3268 at
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A BAC-based STS-content map spanning a 35-Mb region of human
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Direct Submission
Submitsed (04-A001) Akira Horil, Tohoku University School of Submitteed (04-A002-201) Akira Horil, Tohoku University School of Medicine, Molecular Pathology, 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8875, Japan (E-mail:horil@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
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Score 12.8; DB 1;
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0; Mismatches 2;
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Pred. No. 8.8e+02;
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/organism="synthetic construct"
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Genomics 74 (1), 55-70 (2001)
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0.7%;

Best Local Similarity 87.5%;

Matches 14; Conservative 0
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MAM 11-JUN-1993
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Carnivora, Fissipedia, Canidae, Canis.

1 (bases 1 to 19)
Francisco, L.V., Langston, A.A., Mellersh, C.S., Neal, C.L. and Ostrander, E.A.
A class of highly polymorphic tetranucleotide repeats for canine genetic mapping
Mamm. Genome 7 (5), 359-362 (1996)
8661717
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Canis familiaris

Canis familiaris

Canis familiaris

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Bukaryota; Metazoa; Chordata; Fissipedia; Canidae; Canis.

1 (bases 1 to 19)

Ostrandar, E.A., Sprague, G.F.Jr. and Rine, J.D.

Identification and characterization of dinucleotide repeat (CA)n markers for genetic mapping in dog

Genomics (1993) In press

Genomics (1993) In press

Original source text: Canis familiaris (library: E. Ostrander, in pBluescript+) adult spleen DNA.

Submitted by: Human Genome Center,
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1 Cyclotron Road, Berkeley, CA 94720, USA
e-mail: EAOStrander@lb.gov
PCR Buffer: PCR buffer: Perkin-Blmer/Cetus)
PCR Profile: Denaturation: 94 degrees C for 1.00
Annealing: 55 or 59 degrees C for 0.45 minutes
PCR Cycles: 74 degrees C for 1.00 minutes
FCR Cycles: 74 degrees C for 5.00 minutes
Final Extension: 74 degrees C for 5.00 minutes.
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/dev_stage="adult"
/tissue_lib="E. Ostrander, in pBluescript+"
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78.9%; Pred. No. 9.6e+02;
ative 0; Mismatches 4;
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PCR identification; PCR primer; STS.
1 of 2
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/evidence=experimental

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1. .9
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sts-WI-6290 obtained from clones B297J7, B380MI7, B83K3,
B66118, B376D18, B242L13, B260B7, Human BAC library
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Robbins, J.M. and Tritz, R. Ribozyme therapy for the treatment of proliferative skin and eye diseases
Patent: WO 0130362-A 2050 03-MAX-2001;
                                                                                                                                        Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8875, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
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Canis familiaris (dog)
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87.5%; Pred. No. 8.8e+02;
tive 0; Mismatches 2; Indels
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/organism="Homo sapiens"
  chromosome 1p35-p36
Genomics 74 (1), 55-70 (2001)
21269192
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PAT 05-MAR-1998
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Pred. No. 9.6e+02;
0; Mismatches 4; Indels
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(bases 1 to 19)
Lucas,R., De,B.P., Fransen,L. and Sablon,E.

INF-ALPIA MUTEINS AND A PROCESS FOR PREPARING THEM
PATENT: WO 9418325-A 10 18-AUG-1994;
INNOGENETICS NV (BB)
Other Publication AU 601094 940829
Other publication CA 2155103 940818.
                                                                   A17231 19 pp DNA linear
Oligonucleotide 19-mer BB9501 (SEQ ID NO: 131).
A17231
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Pred. No. 9.6e+02;
0; Mismatches 4;
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/mol_type="unassigned DNA"
/db xref="taxon:32630"
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Patent: WO 9313206-A 131 08-JUL-1993;
Location/Qualifiers
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/db_xref="taxon:32644"
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Sequence 10 from Patent WO9418325.
A39742.
A39742.1 GI:2295995
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Sequence 33 from Patent EP0743364.
A57967
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ilarity 78.9%;
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Best Local Similarity 78.9%;
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Oligonucleotide sequence (adaptor 11) from patent BP0282042.
A02253.1 GI:490307
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                                                                                                                                                                                                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; Sus.

1 (Sases 1 to 19)
Fridolfsson, A.K., Hori,T., Wintero,A.K., Fredholm,M., Yerle,M., Robic,A., Andersson,L. and Ellegren,H.
Expansion of the pig comparative map by expressed sequence tags Unpublished
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synthetic construct
artificial sequences.

I (bases 1 to 19)
Doebeli,H., Eggimann,B., Gentz,R., Hochuli,E. and Stueber,D.
Fusion proteins and their purification
Patent: BP 0282042-A 27 14-SEP-1988;
F. HOFFMANN-LA ROCHE AG
Location/Qualifiers
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Pred. No. 9.6e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Sus scrofa"
/mol_type="mkNA"
/bb_xref="taxon:9823"
/chromosome="3"
/map="q21-q23"
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663 CAAAGGCAAAAGCAAGCTC 681
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Sus scrofa
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Craig,S., Hunter,M.George., Edwards,R.Mark., Czaplewski,L.George.
and Gilbert,R.James.
Stem cell inhibiting proteins
Patent: US 5856301-A 131 05-JAN-1999;
Location/Qualifiers
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              Gaps
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                                                                                                                                                                                                                    Unknow...
Unclassified.

1 (bases 1 to 19)
Kato,S., Acki,T. and Umezawa,Y.
Cloning vector plasmid, vector-primer derived therefrom and preparation method of CDNA bank using the same
Patent: US 5783442-A 12 21-UL-1998;
Location/Qualifiers
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 Pred. No. 9.6e+02;
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78.9%; Pred. No. 9.6e+02;
tve 0; Mismatches 4;
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Pred. No. 9.6e+02;
0; Mismatches 4;
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AR027614
AR027614.1 GI:5938434
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                                                                                                                                          AR019495 19 bp 1
Sequence 12 from patent US 5783442.
AR019495.1 GI:3974609
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                                           543 CTTTGACAAGCCCCTCAGC 561
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Matches 15; Conservative
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ilarity 78.9%;
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AR019495/c
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           Narwa,R. and Roques,P.

Nucleic acid fragments derived form the HIV-1 genome, corresponding fragments and their application as reactives for risk evaluation of HIV-1 mother-foeth transmission
Patent: EP 0743564-A 33 20-NOV-1996;
COMMISSARIAT ENERGIE ATOMIQUE (FR)
Other publication FR 2734281 961122.
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[ (Dases 1 to 19)
Miles, V.J., Mathews, M.B. and Katze, M.G.
Method for selective inactivation of viral replication
Patent: US 5738985-A 17 14-APR-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                          unidentified
unidentified
unclassified.
1 (bases 1 to 19)
Einerhand, M.P. and Valerio, D.
A CONDITIONAL REPLICATION AND EXPRESSION SYSTEM
PATENT: WO 98128770-A 14 30-JUL-1998;
INTROGENE BV (NL); EINERHAND MARKUS PETER WILHELM (NL)
Location/Qualifiers
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Pred. No. 9.6e+02;
0; Mismatches 4; Indels
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Pred. No. 9.6e+02;
0; Mismatches 4;
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                                                                                                                                        /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db xref="taxon:32644"
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Sequence 14 from Patent WO9832870.
A89682.
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1 (bases 1 to 19)
Draper,K.G., Chowrira,B., McSwiggen,J., Stinchcomb,D.T. and
                                                                                                                                                                                                                1 (bases 1 to 19)
Akamatsu, T. and Suzuki, T.
Method for identifying the sex of spinach by DNA markers
Patent: US 5910412-A 18 08-JUN-1999;
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Presta,L.G., Shelton,D.L. and Urfer,R.
Human Lrk receptors and neurotrophic factor inhibitors
Patent: US 5910574-A 22 08-JUN-1999;
                                                                                                                                                                                                                                                                                                                                                  Length 19;
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Pred. No. 9.6e+02;
0; Mismatches 4;
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Pred. No. 9.6e+02;
0; Mismatches 4;
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AR071364.
AR071364.1 GI:7222252
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AR082200
                                                                                                Sequence 18 from patent US 5910412. AR071127
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
/mol_type="unassigned DNA"
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    1639 CAGCGGCTGGAGGGATGCC 1657
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                    1 CAGCGCCTGCAGGGGTGTC
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78.9%;
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Best Local Similarity 78.9
Matches 15; Conservative
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             Unknown.
Unclassified.
1 (bases 1 to 19)
Polymeropoulos,M.H. and Merril,C.R.
Eleyen highly informative microsatelite repeat polymorphic DNA
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Presta,L.G., Shelton,D.L. and Urfer,R.
Human TRK receptors and neurotrophic factor inhibitors
Patent: US 5844092-A 22 01-DEC-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unknown.
Unclassified.
1 (Dassal to 19)
Lucas,R., De Baetselier,P., Fransen,L. and Sablon,E.
TNF-alpha muteins and a process for preparing them
Patent: US 5891679-A 10 06-APR-1999;
Location/Qualifiers
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78.9%; Pred. No. 9.6e+02;
live 0; Mismatches 4;
                                                                                               Patent: US 5861504-A 21 19-JAN-1999;
Location/Qualifiers
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    19
    organism="unknown"
    mol_type="unassigned DNA"

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Sequence 22 from patent US 5844092.
AR063168
AR063168.1 GI:5990859
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/organism="unknown"
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Matches 15; Conserv
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Matches 15; Conserv
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Unclassified.
1 (bases 1 to 19)
2 o'drdan, M. Carlyle., Rampitsch, C. and Cloutier, M.Sylvie. Jacqueline.
Matrix attacher regions
Patent: US 6177612-A 2 23-JAN-2001;
Location/Qualifiers
                                                                                                                                                                        1 (bases 1 to 19)
Draper,K.G., Chowrira,B., McSwiggen,J., Stinchcomb,D.T. and
Thompson,J.D.
Method and reagent for inhibiting human immunodeficiency virus
replication
Patent: 18, 6159692-A 44 12-DEC-2000;
Location/Qualifiers
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Unclassified.
I (bases 1 to 19)
Binerhand, M.Peter. Wilhelmus. and Valerio, D.
Conditional replication and expression system
Patent: US 6232105-A 14 15-WAY-2001;
                                                                                                                                                                                                                                                                                                                                             Query Match 0.7%; Score 12.6; DB 1; Best Local Similarity 78.9%; Pred. No. 9.6e+02; Matches 15; Conservative 0; Mismatches 4;
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                                           Sequence 44 from patent US 6159692.
AR120742.1 GI:14104318
                                                                                                                                                                                                                                                                                                /organism="unknown"
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/organism="unknown"
/mol_type="unassigned DNA"
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AR151697
AR151697.1 GI:15117747
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Sequence 2 from patent US 6177612.
AR126139
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1 (Dass 1 to 19)
van der Bruggen, P., Boon-Falleur, T., Coulie, P. and Renauld, J.-C. Method for diagnosing a disorder characterized by expression of BAGE tumor rejection antigen precursor Patent: US 603540-A 6 25-JUL-2000;
Location/Qualifiers
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Unclassified.
1 (base1 to 19)
Presta,L.G., Shelton,D.L. and Ufer,R.
Human TRK receptors and neurotrophic factor inhibitors
Patent: US 615189-A 22 28-NOV-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.7%; Score 12.6; DB 1; Length 19; larity 78.9%; Pred. No. 9.6e+02; Conservative 0; Mismatches 4; Indels
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Thompson, J.D.
HIV nef targeted ribozymes
Patent: US 5972704-A 44 26-OCT-1999;
Location/Qualifiers
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/mol_type="unassigned DNA"
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Sequence 22 from patent US 6153189.
AR119350
                                                                                           /mol_type="unassigned DNA"
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Sequence 6 from patent US 6093540.
AR104151
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/organism="unknown"
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21-JAN-1999 US 09/234716
PATRICIA A BILLING MEDEL, MAURICE COHEN, TRACEY L COLPITTS, PAULA
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OS Unknown

DN UP-NOV-2002

PF 22-JAN-1999 GB 9901475.5

PI MOSTAFA RONAGHI

PC CLIZUI/68,G01N33/53,G01N33/ PC
                                                                                                                                                                                                                                                                           PI JON D KRATOCHVIL, JOHN C RUSSELL, STEPHEN D STROUPE PC C12N15/09, C07K14/47, C07K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/ PC
                                                                                                                                                                                                                                                                                                                             C12P21/02,C12Q1/68,G01N33/53,G01N33/53,G01N33/566,G01N33/574,G01N37/00,C12N15/00,C12N15/00,C12NS/00 C12N15/00 C12NS/00 C1
   Medel, P.A.B., Cohen, M., Colpitts, T.L., Friedman, P.N., Gordon, J., Granados, E.N., Hodges, S.C., Klass, M.R., Kratochvil, J.D., Russell, J.C. and Stroupe, S.D.
Regents and methods useful for detecting diseases of the breast Patent: JP 200240761-A 23 03-DEC-2002;
ABBOTT LABORATORIES
                                                                                                                                                                                                                                           JULIAN GORDON, EDWARD N GRANADOS, STEVEN C HODGES, MICHAEL, R
                                                                                                                                                                                                                                                                                                                                                                                                                               ce 1. 19 /organism='Homo sapiens (human)'. Location/Qualifiers
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Pred. No. 9.6e+02;
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Patent: JP 2002538777-A 7 19-NOV-2002;
PYROSEQUENCING AB
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                     Homo sapiens (human)
JP 202540761-A/23
03-DEC-2002
21-JAN-2000 JP 2000594836
21-JAN-1999 US 09/234716
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A method of DNA sequencing.
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JP 2002538777-A/7.
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1 (bases 1 to 19)
Ronaghi, M.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
1 (bases 1 to 19)
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artificial sequences.

S Fan, J.B., Hirschhorn, J.N., Huang, X., Kaplan, P., Lander, E.S.,
Lockhart, D.J., Ryder, T. and Sklar, P.
Universal arrays
D Patent: 1P 2002539849-A 185 26-NOV-2002;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, AFFYMETRIX INC
OS Artificial Sequence
PN JP 2002539849-A/185
PP 27-MAR-2000 JP 2000608794
PR 26-MAR-1999 US 60/126473,23-JUN-1999 US 60/140359 PI
HUANG, PAUL, KAPLAN, ERIC
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PC C1201/68, C12M1/00, C12N15/09, C12N15/09, C12N15/09, G01N33/53,

G01N33/566,

PC G01N37/00, C12N15/00, C12N15/00
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                                                                                                                     Indels
                                                                                Score 12.6; DB 1;
Pred. No. 9.6e+02;
0; Mismatches 4;

    .19
        ^.7 organism="synthetic construct" | mol_type="genomic DNA" | db_xref="taxon:32630"

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1. .19
                                                                                                                                                                                                                                                                           DNA
                                                 /mol_type="unassigned DNA"
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Location/Qualifiers
1. .19
/organism="unknown"
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JP 2002540761-A/23.
Homo sapiens (human)
Homo sapiens
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JP 2002539849-A/185.
                                                                                     0.7%;
78.9%;
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synthetic construct
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Best Local Similarity 78.99
Matches 15; Conservative
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Best Local Similarity 78.9
Matches 15; Conservative
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PAT 17-JUL-2003

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PAT 28-JUL-1999
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DETERMINATION OF MALE OR FEMALE OF SPINACH BY USING DNA MARKER
Patent: JP 1998052284-A 18 24-FEB-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OS None
OC Artificial sequences.
PN JP 1998052284-A/18
PN 24-FEB-1996
PF 14-MAY-1997 UP 1997124012
PR 14-MAY-1996 UP 96P 119124
PI AKAMATSU TOYOKAZU, SUZUKI TAKAO, UCHIMIYA HIROBUMI PC C12M15/09,C07H21/04,C12Q1/68;
CC strandeness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: Yes;
FH Key
FT source 1. 19
FT source /organism='Artificial sequences'.
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/organism='Artificial sequences'.
Location/Qualifiers
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78.9%; Pred; No. 9.6e+02;
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Patent: JP 1997257798-A 15 03-OCT-1997;
SUMITOMO METAL IND LTD
OS Artificial sequences.
PN JP 1997257798-A/15
PP 03-OCT-1997
PF 19-MAR-1996 JP 1996062885
PI SHIMADA KAZUNORI, NAMATAME YASUKO
CC STRANGEGESS: Single;
CC topology: Linear;
CC topology: Linear;
CC topology: Linear;
CC topology: Linear;
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unidentified"
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2 A61237/06,
2 A61237/08,C07K14/00,C08G69/02,C12N15/09,C12N15/00,A61K37/02 CC
phosphorothioate oligonucleotide ISIS 1939
H Key Location/Qualifiers
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02-DEC-1998 BP 98 403 015.5
PATRICK MIDOUX, CHANTAL PICHON, MAHAJOUB BELLO-ROUFAI, MICHEL
                                                                                                                                                                            Gaps
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Midoux, P., Pichon, C., BelloWroufai, M. and Monsigny, M.
Novel Oligomer conjugate facilitating transfer of biological
molecule into call
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Pred. No. 9.6e+02;
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
         1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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IDM IMMUNO-DESIGNED MOLECULES
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1 (bases 1 to 19)
Shimada, K. and Namatame, Y.
IMMOBILIZATION OF GENE
                                                                                                                                                                                                                        1619 CAGACCGAGGCCCCAGCAG 1637
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JP 2002532388-A/2
02-OCT-2002
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JP 2002532388-A/2.
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JP 1997257798-A/15.
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synthetic construct
artificial sequences.
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78.98;
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E14025
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PAT 07-0CT-1996
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Resnick, R.M. and Zhang, T.Y.
Detection of human papillomavirus by the polymerase chain reaction
Patent: US 5527898-A 80 18-JUN-1996;
Location/Qualifiers
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van der Bruggen,P., Boon-Falleur,T., Coulie,P. and Renauld,J.-C.
Isolated nucleic acid molecules coding for BAGE tumor rejection
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                                                                                'ce 1..19
/organism='Homo sapiens'.
Location/Qualifiers
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Pred. No. 9.6e+02;
); Mismatches 4;
                                                                                                                                                                                                               0.7%; Score 12.6; DB 1;
78.9%; Pred. No. 9.6e+02;
ative 0; Mismatches 4;
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                                                   Location/Qualifiers
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Sequence 80 from patent US 5527898.
122592
122592.1 GI:1602946
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/organism="unknown"
/mol_type="unassigned DNA"

    .19
/organism="unknown"
/mol_type="unassigned DNA"

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Patent: US 5571711-A 6 05-NOV-1996;
Location/Qualifiers
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                                                                                                                                    1. .19
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                     topology: Linear;
hypothetical: No;
Key
   strandedness: Single;
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Best Local Similarity 78.9%;
Matches 15; Conservative
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Best Local Similarity
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Unclassified.
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Unclassified.
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                                                                                                                                                                                                       Homo sapiens
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
1. (bases 1 to 19)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 19)
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Intrano,K.

DETECTION OF POINT MUTATION OF NUCLEIC ACID AND DETECTION OF ABNORMALITY OF GRNE BY USING THE SAME
ABUGNALITY OF GRNE BY USING THE SAME
Patent: JP 1998127300-A 26 19-MAY-1998;

HAMAMATSU PHOTONICS KK

OS HOMO Sapiens (human)
BN JP 1998127300-A/26
PD 19-MAY-1998
PF 19-MAY-1998
PF 11-MAY-1996
PF 31-OCT-1996 JP 1996290235
PF HIRADO KENLCH
PC C12Q1/68,CO7HZ1/04,GOINZ1/64//C12N15/09,GOIN33/566; CC
                                                                                                                                                                                                                                                                                     DETECTION OF POINT MUTATION OF NUCLEIC ACID AND DETECTION OF ABNORALITY OF GENE BY USING THE SAME PATCHT: JP 1998,127300-A 19 19-MAY-1998; HAMAMATSU PHOTONICS KK
                                                                                                                                                                                                                                                                                                                                                   OS Homo sapiens (human)
PN JP 1998127300-A/19
PD 19-MAX-1998
PF 31-OCT-1996 JP 1996290235
PI HIRANO KENICHI
PC C12Q1/68,C07H21/04,G01N21/64//C12N15/09,G01N33/566; CC strandedness: Single;
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HIRANO KENICHI
C12Q1/68,C07H21/04,G01N21/64//C12N15/09,G01N33/566; CC
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1 Similarity 78.9%; Pred. No. 9.6e+02;
15; Conservative 0; Mismatches 4;
                                                                                                         19 bp DNA Highly mutated site of human Ki-ras gene. E16060
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Ki-ras gene.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Homo sapiens"
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Highly mutated site of human
E16067
995 ACCTGCTCATCAACGAGAG 1013
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hypothetical: No;
Key
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JP 1998127300-A/19.
Homo sapiens (human)
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Matches 15; Conserv
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E16067
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FEATURES

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PAT 03-APR-1998
             Unclassified.

1 (bases 1 to 19)
Bauer, H.M., Gravitt, P.E., Greer, C.E., Impraim, C.C.,
Manos, M.Michele., Resnick, R.M. and Zhang, T.Yi.
Detection of human papillomavirus by the polymerase chain reaction
Patent: US 5639871-A 60 17-UUN-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PAT 03-APR-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 19)
van der Bruggen, P. and Boon-Falleur, T.
Tumor rejection antigens which correspond to amino acid sequences
in tumor rejection antigen precursor bage, and uses thereof
Patent: US 5683886-A 7 04-NOV-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 19)
Marshall, R.L., Carrino, J.J. and Sustachek, J.C.
Amplification of RNA sequences using the ligase chain reaction
Patent: US 5686272-A 24 11-NOV-1997;
                                                                                                                                                                                                            Gaps
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Pred. No. 9.6e+02;
0; Mismatches 4;
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78.9%; Pred. No. 9.6e+02;
ative 0; Mismatches 4;
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Pred. No. 9.6e+02;
0; Mismatches 4;
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/organism="unknown"
/mol_type="unassigned DNA"
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/wol_type="unassigned DNA"
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Sequence 24 from patent US 5686272.
173293
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Sequence 7 from patent US 5683886
172221
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ilarity 78.9%;
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Matches 15; Conservative
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Unclassified.
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
Matches 15; Conserv
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I72221.1
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173293/c
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                                                                                                                                                                                                                                                                           Length polymorphisms in (dC-dA).sub.n.(dG-dT).sub.n sequences and method of using the same
Patent: US 5582979-A 381 10-DEC-1996;
Location/Qualifiers
   Gaps
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Mitsuhashi, M. and Cooper.A.
Method for detecting polynucleotides with immobilized
polynucleotide probes identified based on T.sub.m
Patent: US 5639612-A 706 17-JUN-1997;
                                                                                                                                                                                                                                                                                                                                                                                                0.7%; Score 12.6; DB 1; Length 19; 78.9%; Pred. No. 9.6e+02; Live 0; Mismatches 4; Indels
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   Indels
   4;
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Pred. No. 9.6e+02;
0; Mismatches 4;
                                                                                                                               19 bp DN Sequence 381 from patent US 5582979.
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146727
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147417
147417.1 GI:2471382
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 0; Mismatches
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Weber, J.L.
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Dhillips, M.I. and Zhang, Y.
Phillips, M.I. and Zhang, Y.
Antisense compositions targeted to .beta.l-adrenoceptor-specific
mRNA and methods of use
Patent: US 6489307-A 135 03-DEC-2002;
Location/Qualifiers
 Li,R.-h. and Mather,J.P.
Human Mullerian duct-derived epithelial cells and methods of
isolation and uses thereof
Patent: US 6416999.A 2 09-UUL-2002;
Location/Qualifiers
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Okubara, P.A., Blechl, A.E., Hohn, T.M. and Berka, R.M.
Nucleic acid sequences encoding cell wall-degrading enc
to engineer resistance to Fusarium and other pathogens
Patent: US 6521435-A 75 18-FEB-2003;
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Sequence 75 from patent US 6521435.
AR282316
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/mol_type="genomic DNA"
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Draper, K.G., Chowrira, B., McSwiggen, J., Stinchcomb, D.T. and Thompson, J.1 and HIV targeted ribozymes
Patent: US 5693535-A 44 02-DEC-1997;
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78.9%; Pred. No. 9.6e+02;
tive 0; Mismatches 4;
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Warren, R. Lloyd. Jr. and Wilding, E. Imogen.
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I78246
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AR217860.1 GI:23317754
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Sequence 4 from patent US 6346397.
AR184512.1 GI:20230477
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GCATAGACAAGACCAATGG 200
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2E 1 (bases 1 to 19)

RS Cohen,D., Chumakov,I. and Blumenfeld,M.

S Biallelic markers for use in constructing a high density disequilibrium map of the human genome

NAL Patent: US 6537751-A 6575 25-MAR-2003;

Location/Qualifiers
 Biallelic markers for use in constructing a high density disequilibrium map of the human genome Patent: US 6537751-A 5182 25-MAR-2003; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 19)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome Patent: US 637751-A 6717 25-MAR-2003, Location/Qualifiers
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Seguence 6575 from patent
AR294840
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AR294982
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1 (bases 1 to 19)

1 (bases 1 to 19)

Biallelic markers for use in constructing a high density disequalibrium map of the human genome

Patent: US 6537751-A 5162 25-MAR-2003;

Location/Qualifiers
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Pred. No. 9.6e+02;
0; Mismatches 4; Indels
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Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6337751-A 4414 25-MAR-2003;
Location/Qualifiers
                                                                      Sequence 4414 from patent US 6537751.
AR292679
AR292679.1 GI:31679963
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Unclassified.
1 (bases 1 to 19)
Cohen, D., Chumakov, I. and Blumenfeld, M.
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Seguence 5162 from patent US 6537751.
AR293427
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/organism="unknown"
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CGGTGCGACAAACTTCCAG
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Todd,J.A., Hessy,T.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
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Todd, Ja., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D.,
Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metzker, M.L.,
Nakagawa, Y., Phillips, M.S. and Twells, R.C.J.
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Pred. No. 9.6e+02;
0; Mismatches 4;
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disequilibrium map of the human genome
Patent: US 6537751-A 11512 25-MAR-2003;
Location/Qualifiers
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Location/Qualifiers
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Patent: US 6545137-A 387 08-APR-2003;
Location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"
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    /organism="unknown"
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Best Local Similarity 78.9%;
Matches 15; Conservative
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Unclassified.
1 (January 19)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
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(S Cohen,D., Chumakov,I. and Blumenfeld,M. Biallelic markers for use in constructing a h disequilibrium map of the human genome disequilibrium map of the human genome Location/Qualifiers

Location/Qualifiers
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1 (bases 1 to 19)
Cohen,D., Chumakov,I. and Blumenfeld,M. Biallelic markers for use in constructine this equilibrium map of the human genome patent: US 6537751-A 7573 25-MAR-2003;
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                                                                bp DNA
6537751.
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
                                                                Sequence 7357 from patent US
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Tumor associated antigen 791tgp72

Patent: WO 9943800-A 7 02-SEP-1999;

DURRANT LINDA GILLIAN (GB); SPENDLOVE IAN (GB); CANCER RES CAMPAIGN
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1 (bases 1 to 19)
Miles,V.J., Mathews,M.B., Katze,M.G., Watson,J.C. and Witherell,G.
Method for selective inactivation of viral replication
Patent: US 65/9674-A 17 17-JUN-2003;
Location/Qualifiers
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Miles,V.J., Mathews,M.B., Katze,M.G., Watson,J.C. and Witherell,G.
Method for selective inactivation of viral replication
Patent: US 6623961-A 17 23-SEP-2003;
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Pred. No. 9.6e+02;
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
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AX018852

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    mol_type="genomic DNA"

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AR401644.1 GI:40149092
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Matches 15; Conservative (
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Todd,Ja., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
LDL-receptor
Patent: US 6555654-A 387 29-APR-2003;
Location/Qualifiers
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Pred. No. 9.6e+02;
0; Mismatches 4; Indels
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Patent: US 6555654-A 401 29-APR-2003,
Location/Qualifiers
                                                                                                                      19 bp DA Sequence 387 from patent US 6555654. AR309537 AR309537.1 GI:31701542
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Sequence 17 from patent US 6579674.
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Seguence 401 from patent US 6
AR309551
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Best Local Similarity 78.9%;
Matches 15; Conservative (
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Best Local Similarity
Matches 15; Conserv
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RESULT 1830

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DEFINITION ACCESSION

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ORGANISM

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RESULT 1831

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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                              Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 1738 26-APR-2001, Orchid BioSciences, Inc. (US)
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Pred. No. 9.6e+02;
0; Mismatches 4;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Pximer"
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/mol_type="unassigned DNA"
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/nofe="primer"
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Sequence 166 from Patent W00130362.
                                                                                                                    Picoult-Newburg, L. and Pohl, M.
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AX116918.1 GI:14033860
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AX128948.1 GI:14135253
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Polymorphisms in the human mdr-1 gene and their use in diagnostic
and therapeutic applications
Patent: WO 0109183-A 288 08-FEB-2001;
EPIDAUROS AG Blotechnologie Aktiengesellschaft (DE)
Location/Qualifiers
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and therapeutic applications
Patent: WO 0109183-A 290 08-FEB-2001;
EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="synthetic"
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/mol_type="unassigned DNA"
/mol_txref="taxon:32630"
/noFe="synthetic"
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Sequence 1738 from Patent WO0129262.
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Sequence 290 from Patent WO0109183.
1033 GACTTIGGCCTGGCCCGAG 1051
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                     0.7%; Score 12.6; DB 1; Length 19; ilarity 78.9%; Pred. No. 9.6e+02; Conservative 0; Mismatches 4; Indels
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Pred. No. 9.6e+02;
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|db_xref="taxon:9606"
/note="cdk2 ribozyme binding site"
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/db_xref="taxon:9606"
/note="Cdk2 ribozyme binding site"
   /note="Cdk2 ribozyme binding site"
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IMMUSOL, INC. (US)
Location/Qualifiers
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IMMUSOL, INC. (US)
Location/Qualifiers
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Sequence 226 from Patent WO0130362.
AX129008
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Sequence 238 from Patent WO0130362.
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Best Local Similarity 78.9%;
Matches 15; Conservative
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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/note="Cdk2 ribozyme binding site"
                                                                      /organism="Homo sapiens"

Nol_type="unassigned DNA"

/db_zref="texton:960"
/noTe="cdk2 ribozyme binding site"
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Patent: WO 0130362-A 166 03-MAY-2001;
IMMUSOL, INC. (US)
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IMMUSOL, INC. (US)
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Sequence 218 from Patent W00130362.
AX129000.1 GI:14135305
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Sequence 219 from Patent W00130362.
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Best Local Similarity 78.9%;
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                                                    Eukaryota, Metazoa; Chordata; Craniata; Vertebrata, Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini, Hominidae; Homo.
                                                                                                                                                Robbins, J.M. and Tritz, R.
Ribozyme therapy for the treatment of proliferative skin and eye diseases
Patent: WO 0130362-A 346 03-WAX-2001;
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Pred. No. 9.6e+02;
0; Mismatches 4; Indels
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Pred. No. 9.6e+02;
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/db_xref="taxon:9606"
/note="Cdk3 ribozyme binding site"
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/db_xref="taxon:9606"
/note="Cdk3 ribozyme binding site"
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      Seguence 346 from Patent W00130362.
AX129128
AX129128.1 GI:14135433
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/organism="Homo sapiens"
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AX129135.1 GI:14135440
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AX129141.1 GI:14135446
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Best Local Similarity 78.9%;
Matches 15; Conservative (
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Best Local Similarity 78.9%;
Matches 15; Conservative
                                                                      Homo sapiens (human)
Homo sapiens
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AX129135
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Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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larity 78.9%; Pred. No. 9.6e+02;
Conservative 0; Mismatches 4; Indels
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Mond_type="unassigned DNA"
(db_zref="taxon:9606"
/nofe="Cdk2 ribozyme binding site"
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/db_xref="taxon:9606"
/note="Cdk3 ribozyme binding site"
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IMMUSOL, INC. (US)
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Sequence 239 from Patent WO0130362.
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Mammalia; Eutheria; Primates;
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TACCGAGCTCCTGAAATCC 19
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Conservative
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AX129128
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                     Query Match 0.7%; Score 12.6; DB 1; Length 19; Best Local Similarity 78.9%; Pred. No. 9.6e+02; Matches 15; Conservative 0; Mismatches 4; Indels
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/organism="Homo sapiens"
/mol type="unassigned DNA"
/db xref="taxon:9606"
/note="Cdk6 ribozyme binding site"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db ref="texton:9666"
/noTe="cdk4 ribozyme binding site"
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/db_xref="taxon:9606"
/note="Cdk6 ribozyme binding site"
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IMMUSOL, INC. (US)
Location/Qualifiers
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IMMUSOL, INC. (US)
                                                                                                                                                                                                                                                                                                            Sequence 539 from Patent W00130362. AXI29321
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Pomo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                              Robbins, J. M. and \mbox{Tritz,R} . Ribozyme therapy for the treatment of proliferative skin and eye
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo,
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                                                                                                                                                                    /mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Cdk3 ribozyme binding site"
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"mol type="unassigned DNA"

/db ref="texton:9606"

/noTe="CdK4 ribozyme binding site"
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Patent: WO 0130362-A 359 03-MAY-2001;
IMMUSOL, INC. (US)
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IMMUSOL, INC. (US)
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/organism="Homo sapiens"
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Best Local Similarity 78.9%;
Matches 15; Conservative
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Best Local Similarity 78.9%;
Matches 15; Conservative
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Ribozyme therapy for the treatment of proliferative skin and eye diseases
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/noTe="Cdk-we-hu ribozyme binding site"
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/db_xref="taxon:9606"
/note="Cdk8 ribozyme binding site"
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IMMUSOL, INC. (US)
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IMMUSOL, INC. (US)
Location/Qualifiers
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Sequence 1220 from Patent W00130362.
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Sequence 1920 from Patent WO0130362.
AX130702
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Sequence 981 from Patent WO0130362.
AX129763
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Matches 15; Conservative (
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AX130002
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Ribozyme therapy for the treatment of proliferative skin and eye diseases
Patent: WO 0130362-A 979 03-MAY-2001;
IMMUSOL, INC. (US)
Location/Qualifiers
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Pred. No. 9.6e+02;
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Score 12.6; DB 1; Length 19;
Pred. No. 9.6e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/noTe="Cdk8 rlbozyme binding site"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/noTe="Cdx7 ribozyme binding site"
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IMMUSOL, INC. (US)
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Sequence 979 from Patent W00130362.
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Sequence 720 from Patent WO0130362.
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AX129502.1 GI:14135807
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                             Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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IMMUSOL, INC. (US)
Location/Qualifiers
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Location/Qualifiers
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                                Homo sapiens (human)
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AX130739/c
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AUTHORS
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KEYWORDS
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Robbins,J.M. and Tritz,R. Ribozyme therapy for the treatment of proliferative skin and eye diseases
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                                                                                                                                                              /organism="Homo sapiens"
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Pred. No. 9.6e+02;
0; Mismatches 4;
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                                                                     Patent: WO 0130362-A 2010 03-MAY-2001;
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/organism="Homo sapiens"
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Ribozyme therapy for the treatment of proliferative skin and diseases
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78.9%; Pred. No. 9.6e+02;
tive 0; Mismatches 4;
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Pred. No. 9.6e+02;
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IMMUSOL, INC. (US)
Location/Qualifiers
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IMMUSOL, INC. (US)
Location/Qualifiers
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Seguence 2656 from Patent WO0130362.
AX131438
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Sequence 3002 from Patent WO0130362.
AX131784
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                                  641 AGGGTACCTATGCCACCGT 659
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78.9%;
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Homo sapiens
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Best Local Similarity 78.9
Matches 15; Conservative
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AX131784
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Pred. No. 9.6e+02;
0; Mismatches 4; Indels
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                                                                                 Length 19;
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                                                                                                                  Indels
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                                                                              Query Match
0.7%; Score 12.6; DB 1;
Best Local Similarity 78.9%; Pred. No. 9.6e+02;
Matches 15; Conservative 0; Mismatches 4;
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Patent: WO 0130362-A 2543 03-MAY-2001;
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IMMUSOL, INC. (US)
Location/Qualifiers
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WO0130362.
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AX131325
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Conservative
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Best Local Similarity
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Best Local Similarity
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AX131325/c
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                         Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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/db_xref="taxon:9606"
/note="Cdc25 hs ribozyme binding site"
                                                                                                                                                                                                              /organism="Howo sapiens"
/mol_type="unassigned DNA"
/mol_type="unassigned DNA"
/noTe="Cdc25 hs ribozyme binding site"
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Pred. No. 9.6e+02;
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                                                                                                                                        Patent: WO 0130362-A 3578 03-MAY-2001;
IMMUSOL, INC. (US)
Location/Qualifiers
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AX132426
AX132426.1 GI:14138731
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WO0130362.
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Location/Qualifiers
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Sequence 3590 from Patent
AX132372
AX132372.1 GI:14138677
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AX132426
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                            Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Ribozyme therapy for the treatment of proliferative skin and eye
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/organism="Homo sapiens"
/mol type="unassigned DNA"
/db_xref="taxon:9606"
/note="Cyclin Al ribozyme binding site"
                                                                                                                                                                                                                                                                                                                               /organism="Homo sapiens"
|mol_type="unassigned DNA"
|do_xref="taxon:9606" |
|noTe="Cyclin Al ribozyme binding site"
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AXI31967
AXI31967.1 GI:14138272
                                         DNA
                                                                                                                                                                                                                                                              Patent: WO 0130362-A 3129 03-MAY-2001;
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Patent: WO 0130362-A 3185 03-MAY-2001;
                                Sequence 3129 from Patent W00130362. AX131911
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Location/Qualifiers
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Location/Qualifiers
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                                                                                                                      Homo sapiens (human)
Homo sapiens
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Best Local Similarity 78.9°
Matches 15; Conservative
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RESULT 1865
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AX132360
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Human millerian duct-derived epithelial cells and methods of isolation and uses thereof

Patent: WO 0177298-A 2 18-OCT-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="reverse/antisense ATG primer #P133-A1237"
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Pred. No. 9.6e+02;
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   /db_xref="taxon:32630"
/note="synthetic oligonucleotide"
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78.9%; Pred. No. 9.6e+02;
ative 0; Mismatches 4;
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/mol.type="unassigned DNA"
/mol.taxon:32630"
/note="Synthetic construct"
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Thermophilic polymerase III holoenzyme
Patent: WO 0173052-A 80 04-OCT-2001;
McHenry, Charles S. (US)
Location/Qualifiers
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Sequence 80 from Patent W00173052.
AX262324
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Sequence 2 from Patent WO0177298.
AX277714
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                                                 Query Match 0.7%;
Best Local Similarity 78.9%;
Matches 15; Conservative 0
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Rouleau, G.A., Lafreniere, R.G., Rochefort, D., Cossette, P. and
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                                                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
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/note="Cdc25 hs ribozyme binding site"
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/db_xref="taxon:9606"
/note="CGc25 hs ribozyme binding site"
                                                                                                                                                    Query Match 0.7%; Score 12.6; DB 1; Best Local Similarity 78.9%; Pred. No. 9.6e+02; Matches 15; Conservative 0; Mismatches 4;
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                Patent: WO 0130362-A 3644 03-MAY-2001;
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AXI64430.
AXI64430.1 GI:14545364
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/organism="Homo sapiens"
                           IMMUSOL, INC. (US)
Location/Qualifiers
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Location/Qualifiers
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artificial sequences.
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Homo sapiens
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                                          Loukachov,V.V., van Gemen,B. and Goudsmit,J.
Collection of binding molecules
Patent: EP 1174518-467 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (ML)
Location/Qualifiers
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Collection of binding molecules
Patent: EP 1174518-A 82 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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Patent: WO 0208463-A 64 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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Pred. No. 9.6e+02;
0; Mismatches 4;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="position 62"
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/mol type="unassigned DNA"
/db xref="taxon:32630"
/noTe="position 62"
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/wol_type="unassigned DNA"
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Seguence 82 from Patent EP1174518.
AX352876
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Sequence 64 from Patent WO0208463
AX362703
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78.98;
              artificial sequences.
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Novel human gene relating to respiratory diseases, obesity, and
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78.9%; Pred. No. 9.6e+02;
Live 0; Mismatches 4; Indels
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Patent: EP 1174518-A 64 23-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
                                                                                                                                                                                                                                                                                             /organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="taxon:32630"
                                                           DNA
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Patent: WO 0178894-A 323 25-OCT-2001;
                                                    19 bp Sequence 323 from Patent WO0178894. AX327127 AX327127.1 GI:18097838
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Location/Qualifiers
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78.9%;
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Best Local Similarity
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AX327127
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AX352858
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                                                                                                                                                           Bukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae, PACCAD
clade, Panicoldeae, Andropogoneae, Zea.
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Spermatophyta; Magnoliophyta; Lillopsida; Poales; Poaceae; PACCAD
clade; Panicoideae; Andropogoneae; Zea.
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Polycomb gene from maize-zmfie2
Patent: Wo 0206321-A 11 24-JAN-2002;
WISCONSIN ALUMIR RESEARCH FOUNDATION (US); REGENTS OF THE UNIVERSITY OF MINNESOTA (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                   0;
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Patent: WO 0206321.-A 9 24-JAN-2002;
WISCONSIN ALUMNI RESEARCH FOUNDATION (US); RE UNIVERSITY OF MINNESOTA (US)
Location/Qualifiers
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Pred. No. 9.6e+02;
0; Mismatches 4;
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Eukaryota, Viridiplantae, Streptophyta,
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/mol_type="unassigned DNA"
/db_xref="taxon:4577"
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Sequence 135 from Patent WO0204623.
AX382401
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AX369303
AX369303.1 GI:18857248
                                                  AX369301 19 bp
Sequence 9 from Patent WO0206321.
AX369301
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                   RESULT 1881
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Patent: WO 0208463-A 67 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
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Patent: WO 0208463-A 82 31-JAN-2002;
Amsterdam Support Diagnostics B.V. (NL)
Location/Qualifiers
                                            Score 12.6; DB 1;
Pred. No. 9.6e+02;
0; Mismatches 4;
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78.9%; Pred. No. 9.6e+02;
tive 0; Mismatches 4;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="position 62"
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Sequence 67 from Patent WO0208463.
AX362706
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AX362721
/db_xref="taxon:32630"
/note="position 62"
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Patent: WO 0226958-A 118 04-APR-2002;
University of Ottawa (CA), Aggera Therapeutics Inc. (CA)
Location/Qualifiers
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Patent: WO 0226968-A 214 04-APR-2002;
University of Ottawa (CA); Aegera Therapeutics Inc. (CA)
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     1. .19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="based on Homo sapiens"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="based on Homo sapiens"
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/db_xref="taxon:32630"
/note="based_on_Homo_sapiens"
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Sequence 118 from Patent W00226968.
AX412018
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Best Local Similarity 78.9%;
Matches 15; Conservative
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                                                                               Phillips, M.I. and Zhang, Y.
Antisense compositions targeted to _g(b) 1? adrenoceptor-specific
Antisense compositions targeted to _g(b) 1? adrenoceptor-specific
mina and methods of use
Parent: WO 0204623-A 135 17-JAN-2002,
University of Florida (US)
Location/Qualifiers
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Patent: WO 0226968-A 17 04-APR-2002;
University of Octawa (CA) ; Aegera Therapeutics Inc. (CA)
Location/Qualifiers
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Patent: Wo 0226968 A 38 04.ApR-2002;
University of Ottawa (CA); Aegera Therapeutics Inc. (CA)
Location/Qualifiers
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                                                                                                                                                                                                           /organism="unidentified"
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/db_xref="taxon:32644"
/note="SYNTHETIC OLIGONUCLEOTIDE"
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Pred. No. 9.6e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="based on Homo sapiens"
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Sequence 38 from Patent W00226968.
AX411938.1 GI:21444403
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Sequence 17 from Patent WO0226968.
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Beimfohr, C. and Snaidr, J.
Method for specific fast detection of relevant bacteria in drinking
water
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                                                                                                                                            Escary,J.L.
Method for the determination of at least one functional
polymorphism in the nucleotide sequence of a preselected candidate
gene and its applications
Patent: WO 024459-A 20 13-JUN-2002;
GenOdyssee (FR)
                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Pred. No. 9.6e+02;
0; Mismatches 4;
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/mol type="unassigned DNA"
/mote="taxon:32630"
/note="oligonucleotide"
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                                                                                                                                                                                                                                                                                     /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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AX529093.1 GI:25173141
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Patent: WO 02053742-A 161 11-JUL-2002;
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                                                                                                                                                                                                                                 Eukaryota; Fungi, Ascomycota; Saccharomycotina; Saccharomycetes; Saccharomycetales; Candida.
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Pred. No. 9.6e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Ag3077 Forward Primer"
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Sequence 161 from Patent WO02053742.
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/db_xref="taxon:5476"
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Sequence 20 from Patent WO0246459,
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AX512405.1 GI:23392657
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Score 12.6; DB 1;
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       /db_xref="taxon:32630"
/note="Oligonukleotid"
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Kroegel,C.
Genes and proteins for prevention, prediction, diagnosis, prognosis
and treatment of chronic lung disease
Patent: WO 02097127-A 118 05-DEC-2002,
Bayer Aktiengesellschaft (DE)
Location/Qualifiers
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Viruses; Retroid viruses; Retroviridae; Lentivirus; Primate
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Method and diagnostic kit for the molecular diagnosis of
pharmacologically relevant genes
Patent: WO 03018837-A 41 06-MAR-2003;
                                                                                                                                                                                                                    0;
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Method and reagent for inhibiting HBV viral replication
Patent: EP 128226-A 79 05-MAR-2003,
RIBOZYME PHARMACEUTICALS, INC. (US)
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/organism="Human immunodeficiency virus"
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llarity 78.9%; Pred. No. 9.6e+02;
Conservative 0; Mismatches 4;
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0.7%; Score 12.6; DB 1;
Best Local Similarity 78.9%; Pred. No. 9.6e+02;
Matches 15; Conservative 0; Mismatches 4;
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        /organism="synthetic construct"
/mol type="unassigned DNA"
        /db_xref="taxon:32630"

                                                                                                                                                                                                                                                                                                                                                          RNA
                                                                                                                                                       /note="M28225 forward primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 41 from Patent W003018837. AX713155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /mol_type="unassigned RNA"
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                                                                                                                                                                                                                                                                                                                                                        AX710779 19 bp
Sequence 79 from Patent EP1288296.
                                                                                                                                                                                                                                                                                                                                                                                                                                  Human immunodeficiency virus
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synthetic construct
artificial sequences.
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AX710779
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AX713155
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TITLE
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PAT 12-MAY-2003
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                                                                                                                                                                                                              Lin,C.Y., Lin,R.W., You,C.M., Huang,H.H., Lee,B.H., Lee,H.H.,
Lin,Y.J., Fan,C.C., Hsu,H.C., Shih,C.W., Yeh,C.H., Kao,Y.F.,
Pan,C.L. and Chan,P.
Method and detector for identifying subtypes of human papilloma
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Method and detector for identifying subtypes of human papilloma
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/mol_trype="genomic DNA"
/mol_trype="denomic DNA"
/note="Oligonucleotide for Identifying HPV 44"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      'note="Oligonucleotide for Identifying HPV 31"
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       linear
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Pred. No. 9.6e+02;
0; Mismatches 4;
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Pred. No. 9.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                      construct"
                                                                                                                                                                                                                                                                                                                                Patent: EP 1302550-A 97 16-APR-2003;
King Car Food Industrial Co., Ltd. (TW)
Location/Qualifiers
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King Car Food Industrial Co., Ltd. (TW)
Location/Qualifiers
       DNA
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AX742405.
AX742405.1 GI:30576373
19 bp
Sequence 97 from Patent EP1302550.
AX742294

    19
    /organism="synthetic cor/mol_type="genomic DNA" /db_xref="taxon:32630"
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DEFINITION AX923863 AX923863 ACCESSION AX923863 VERSION AX923863.1 GI:40216879 KEYWORDS SOURCE ORGANISM SYNthetic construct ORGANISM SYNthetic construct ORGANISM SYNthetic construct AUTHORS Lacasse, E., Mcmanus, D. and Durkin, J.P. TITLE Autisense iap mucleobase oligomers and uses thereof JOURNAL Patent: Wo 03080638 A 298 02-0CT-2003; FEATURES Location/Qualifiers Location/Qualifiers Source // Organism="synthetic construct" // Ab_rref="taxon:32630" // Ab_rref="taxon	RESULT 1900 BD000756 LOCUS BD000756 LOCUS BD000756 BD000756 LOCUS BD000756 LOCUS BD000756 LOCUS BD000756 LOCUS BD000756 LOCUS ACCESSION BD000756.1 GI.18623869 VERSION BD000756.1 GI.18623869 KEWORDS SPAT 31-JAN-2002 VERSION BD000756.1 GI.18623869 KEWORDS SPAT 31-JAN-2002 NERSION BD000756.1 GI.18623869 KEWORDS SPAT 31-JAN-2002 NERSION BD000756.1 GI.1862386 AUTHORS I Characa gene and characa protein of p53 family TITLE Characa gene and characa protein of p53 family YOU I GAWA, OTSURA PHRAMAGEUTICAL CO LTD COMMENT SA Artificial Sequence ON Artificial Sequence PR 09-APR-1999 JP 1999139034	FEATURES FEATURES FEATURES FEATURES FORMA, SHUNTARO IKAWA, MASUO TATEWAKI PC C12N15/09, C07K14/82, C07K19/00, C12N15/00 CC FH Key Location/Qualifiers FT source / organism="Artificial Sequence". FORMALIE SOURCE 1. 19 FORMALIE SOURCE Organism="Synthetic construct" FORMALIE SOURCE Organism="Synthetic construct" FORMALIE SOURCE Mol_type="genomic DNA" Ab_xref="taxon:32630"	Query Match	RESULT 1901 BD000920 LOCUS BD000920 19 bp RNA linear PAT 31-JAN-2002
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0; QY 652 GCCACCGTCTACAAAGGCA 670 620 652 GCCACCGTCTACAAAGGCA 670 652	Query Match 0.7%; Score 12.6; DB 1; Length 19; Best Local Similarity 78.9%; Pred. No. 9.6e+02; Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0; Qy 1311 GACATACAACTACCCAAG 1329 ACAGCCATCTACCCGAAG 1 BCACAGCCATCTACCCGAAG 1 BCACAGCCATCTACCGAAG 1 BCACAGCCATCTACCGAAG 1 BCACAGCCATCTACCGAAG 1 BCACAGCCATCTACCGAAG 1 BCACAGCCATCTACCGAAG 1 BCACAGC	AUTHORS Lacasse, E., Mcmanus, D. and Durkin, J.P. TITLE Antisense iap nucleobase oligomers and uses thereof JOURNAL Patent: WO 303080538-A 184 02-OCT-2003; Aegera Therapeutics Inc. (CA) Location/Qualifiers 1. 19 Corganism="synthetic construct" //mol type="unassigned DNA" //db_xref="taxon:32630" //db_xref="taxon:32630" //db_xref="based on Homo sapiens. Each nucleobase may be part of a ribonucleotide, deoxyribonucleotide, or nucleotide analog"	Query Match 0.7%; Score 12.6; DB 1; Length 19; Best Local Similarity 78.9%; Pred. No. 9.6e+02; Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0; Qy 1620 AGACCGAGGCCCAGCAGG 1638 Db 1 AGACAGGAACCCCAGCAGG 19	RESULT 1899 AX923863/c

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PC A61P31/14,A61P31/16,A61P31/18,A61P31/22,A61P35/02,C12Q1/6B, PC (C12N15/09,C12R1:93),C12N15/00,C12R1:93)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               A61K39/145,A61K39/21,A61K39/23,A61K39/245,A61K39/29,A61K48/00,
A61P1/16,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      JAMES J HOLESEK ANTHONY J MAMONE
C12N15/09,C12N5/10,C12N7/00//A61K38/43,A61K39/125,A61K39/13,
A61K39/135,
                                                                                       07/882712
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Patent: JP 200121190-A 2108 20-MOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECHS
                                                                                US 07/88
07/882714:
07/882824:
07/882888:
07/882921:
07/883823:
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14-MAY-1992 US 07/882823,14-MAY-1992 US 07/882882

14-MAY-1992 US 07/88286,14-MAY-1992 US 07/882888

14-MAY-1992 US 07/882823,14-MAY-1992 US 07/882881

14-MAY-1992 US 07/882923,14-MAY-1992 US 07/882821

14-MAY-1992 US 07/882849,14-MAY-1992 US 07/884321

14-MAY-1992 US 07/884423,14-MAY-1992 US 07/88431

14-MAY-1992 US 07/884436,14-MAY-1992 US 07/884431

14-MAY-1992 US 07/884436,14-MAY-1992 US 07/884421

15-070-1992 US 07/98608,18-SEP-1992 US 07/98359

15-077-1992 US 07/98208,18-SEP-1992 US 07/943559

15-077-1992 US 07/98132,07-DEC-1992 US 07/981359

07-DEC-1992 US 07/987130,07-DEC-1992 US 07/981359

07-DEC-1992 US 07/987130,07-DEC-1992 US 07/987129
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Location/Qualifiers
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Pred. No. 9.6e+02;
0; Mismatches 4; Indels
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07/882713,14-MAY-1992
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    19 /organism="synthetic cor/mol_type="genomic RNA" /db_xref="taxon:32630"

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JP 2001321190-A/2108
20-NOV-2001
12-MAR-2001 JP 2001068285
EIICHI SOEDA
                                                            01-MAY-2000 JP 2000132651
11-MAY-1992 US 07/8826
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1 (bases 1 to 19)
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            PN JP 20003
PD 12-DEC-2
PF 01-MAY-2
PR 11-MAY-1992 U
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BD089864/c
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C12N15/09, C12N5/10, C12N7/00, C12N9/22//(C12N5/10, C12R1:91), PC
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07/882824 PR
07/882921 PR
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07/884521 PR
07/984521 PR
07/98129 PR
07/98129 PR
07/98129 PR
                                                                                                                                                                                         Draper, K.G., Dadyktz, L.W., Macswigen, J.A., Maysejak, D.G., Holesek, J.J. and Mamone, A.J. Method and reagent for inhibiting viral replication Patent: JP 2000342285-A 80 12-DEC-2000;
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Draper,K.G., Dadyktz,L.W., Macswigen,J.A., Maysejak,D.G.,
Holesek,J.J. and Mamone,A.J.
Method and reagent for inhibiting viral replication
Patent: JP 2000342286-A 80 12-DEC-2000;
STRDGZYMS PHARMACEUTICALS INC
OS Artificial Sequence
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07/882714
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15-OCT-1992 US 07/963322,07-DEC-1992 US 07/9871
07-DEC-1992 US 07/987130,07-DEC-1992 US 07/9871
XENNETH G DRAPER,LEC W DADYKTZ,JAMES A MACSWIGEN, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 12.6; DB 1; Length 19;
Pred. No. 9.6e+02;
0; Mismatches 4; Indels
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Method and reagent for inhibiting viral replication.
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/organism='Artificial Sequence'
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/organism="synthetic construct"
/mol type="genomic RNA"
/db_kref="taxon:32630"
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07/882886,14-MAY-1992
07/882889,14-MAY-1992
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07/883849,14-MAY-1992
07/884074,14-MAY-1992
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07/884436,14-MAY-1992
07/923738,26-AUG-1992
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11-MAY-1992 US 07/8826
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JP 2000342285-A/80
12-DEC-2000
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                                                  BD000920.1 GI:18625479 JP 2000342285-A/80.
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synthetic construct

synthetic construct

artificial sequences.
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                                                                                               synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 19)
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14-MAY 1992 US
14-MAY 1992 US
14-MAY 1992 US
14-MAY 1992 US
14-MAY 1992 US
14-MAY 1992 US
14-MAY 1992 US
14-MAY 1992 US
15-CVT 1992 US
16-CVT 1992 US
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Matches 15; Conserv
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PAT 27-AUG-2002

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bullsoad

Subleaded: Girls2231791

Synthetic construct

synthetic construct

synthetic construct

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synthetic construct

artificial sequence.

I (bases 1 to 19)

SS Durrant.I.G. and Spendlove, I.

TUMOR-associated antigen 7917gp72

AL Patent: JP 2002504562-A 5 12-FEB-2002;

CANCER RESEARCH CAMPAIGN TECHNOLOGY LTD

OS Artificial Sequence

PN JP 2002504562-A/5

PN JP 2002504562-A/5

PN JP EBB-1999 GB 9804065.2

PR 26-FEB-1999 GB 9804065.2

PR 26-FEB-1999 GB 9804065.2

PR 26-FEB-1999 GB 9804065.2

PR CO7K14/705,A61K39/00,A61P35/00//C12N15/09,A61K37/02,

PC C12N15/00

CC Description of Artificial Sequence: Primer

FT Source 1...9
                                                                                               PN JP 2002501376-A/373
PD 15-JAN-2002
PF 15-APR-1998 UP 1998543635
PR 15-APR-1999 US 60/043553,05-JUN-1997 US 60/048740 PI JOHN ANDREW TODD, JOHN WILFRED HESS,CHARLES
THOWAR CASKER,ROGER
PI DAVID COX,
PI DAVID GERHOLD,HOLLY HAMMOND, PATRICIA HEY
PC C12N15/11,C12Q1/68,C07K14/705,C07K16/28,A61K38/17,PC A61K49/395,
PC A61K49/00
CC Strandedness: Single;
CC Topology: Linear;
FH Key
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        Hammond, H.
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                                                                      MERCK
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                  and Hey, P.
Novel LDL receptor
Patent: JP 2002501376-A 373 15-JAN-2002;
THE WELLCOME TRUST LID AS TRUSTEE TO THE WELLCOME TRUST,
      Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D.,
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Pred. No. 9.6e+02;
0; Mismatches 4; Indels
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Pred. No. 9.6e+02;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                                                                                                             0.7%; Scor.
78.9%; Pred. No. >...
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    .19
    /organism="Chlamydia sp./mol_type="genomic DNA"
    /db_xref="taxon:35827"

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Best Local Similarity 78.9<sup>5</sup>
Matches 15; Conservative
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DAVID COX,
DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
CIZNIS/12, CIZNIS/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,
A61K39/395,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent: JP 2002501376-A 359 15-JAN-2002;
THE WELLCOME TRUST LID AS TRUSTEE TO THE WELLCOME TRUST, MERCK
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Chlamydia sp.
Chlamydia sp.
Bacteria, Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
1 (bases 1 to 19)
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Bacteria; Chlamydiae; Chlamydiaceae; Chlamydia.
1 (bases 1 to 19)
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/organism='Artificial Sequence'. Location/Qualifiers
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                                                                                                                   Length 19;
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PD 15-JAN-2002
PF 15-APR-1998 JP 1998543635
PR 15-APR-1997 US 60/043553,05-JUN-1997 US
JOHN ANDREW TODD,JOHN WILLFRED HESS,CHARLES
THOMAS CASKEY,ROGER
                                                                                                                 Score 12.6; DB 1;
Pred. No. 9.6e+02;
0; Mismatches 4;
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/db_xref="taxon:35827"
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    1.9
    /organism="synthetic cc/mol_type="genomic DNA'/db_xref="taxon:32630"

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/organism="Chlamydia
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Topology: Linear;
Key
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BD106344.1 GI:23201162
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Similarity 78.9%;
15; Conservative
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Novel LDL-receptor.
BD106358
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Chlamydia sp.
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Best Local Similarity 78.9
Matches 15; Conservative
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SOURCE
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PD 17-DEC-2002
PF 28-NOV-22011 JP 2001362595
PR 04-MAX-2001 TW 90110795
PI CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BOW-PI SHENG LEE,
PI SHENG-HSIUNG LEE, YI-JU LIN, CI-CHUNG HUANG, HAN-CHANG HSU, CHA-PI WEN SHI,
PI CHIH-XIN YEH, YI-FENG CAO, CHIH-LONG PAN
PC CLZN15/09, C12N15/09, C12M1/34, C12Q1/42, C12Q1/68 PC
C1201/70, C12N15/09, C12N15/00, C12N15/00
PC G12Q1/70, C12R1:93), C12N15/00, C12N15/00
CC Oligonal-Seide M4410 for identifying HPV 44. FH Key
           17-DEC-2002
28-NOV-2001 JP 2001362595
04-MAY-2001 TW 90110785
CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO,XIN-HSUAN HUANG, BOW-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AB068151 19 bp DNA linear SYN 21-MAY-2003 Synthetic construct DNA, reverse primer for human STS sts-D1S1257 at 1p36.
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Oligomuchectide M4410 for identifying HPV 44. FH Key
Location/Qualifiers
                                                                                                                                                             HAENG LEE,
SHENG-HSIUNG LEE, YI-JU LIN, CI-CHUNG HUANG, HAN-CHANG HSU, CHA-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Matanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
and Soeda,E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1. .19
/ Organism="synthetic construct"
//organism="synthetic DNA"
//mol_type="genomic DNA"
//db_xxef="taxon:32630"
1. .19
//note="reverse primer for human STS sts-D181257 at 1p36
sts-D181257 obtained from clones B135E1, B135E1, B215HB,
B301016, B341H19, B808B5, Human BAC library RPCI-11"
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    19
        'organism="synthetic construct"
/mol_type="genomic DNA"
        'db_xref="taxon:32630"

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PI CHTH-XIN YI-FENG CAO, CHIH-LUNG ...
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artificial sequences.
It ling, C., Lin, R., Yoo, Z., Huang, X., Lee, B., Lee, S., Lin, Y.,
I (Lases 1 to 19)
I Ling, C., Lin, R., Yoo, Z., Huang, X., Lee, B., Lee, S., Lin, Y.,
Huang, C., Hsu, H., Shi, C., Yeh, C., Cao, Y. and Pan, C.
Method and detector for identifying subtypes of human papiloma
RING CAR FOOD INDUSTRIAL CO LTD
OS Artificial Sequence
PN JP 2002360271-A/97
PD 17-DEC-2002
PP 28-NOV-2001 JP 2001362595
PR 04-MAY-2001 TW 90110785
PI CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BOW-PI HAENG LEE,
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Method and detector for identifying subtypes of human papiloma
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/organism="synthetic construct"
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Nakatani, T., Gomi, H., Jiyon, W. and Noguchi, H.
ANTHOPOMORPHISM B-B10
Patent: JP 199344982-A 1 24-SEP-1993;
SUNITOMO CHEM CO LID, SUMITOMO PHARMACEUT CO LTD, BIOTEST AG, INOTERAPII LAB
                                                                                                                                                                                                                                                                                                                                                                         PC C12P21/08, A61K39/395//C12N5/10,C12N15/13,G01N33/577; CC strandedness: Single; CC topology: Linear; CC topology: Linear; CC topology: Linear; CC anti-cal: No:
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                                                                                                                                                                                                                                                                                                              OS Artificial gene
ON Artificial sequence, Genes.

PN 199324982-A/1

PD 24-SEP-1993

PN 6A-DEC-1991 JP 1991323319

PN 6A-DEC-1991 JP 1991323319

PN 6A-DEC-1991 JP 199132319

PN 6A-DEC-1991 JP 199132319
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                DNA
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Ruffner,D.E., Pierce,M.L. and Chen,Z.
Directed antisense libraries
Patent: US 6586180-A 3 01-UUL-2003;
Location/Qualifiers
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AR349567
AR349567.1 GI:33750365
                                                                              22 bp
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/mol_type="genomic DNA"
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Best Local Similarity 78.9
Matches 15, Conservative
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                                                                                          PCR primer.
E05473
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Artificial Apis mellifera mellifera microsatellite PCR primer
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Submitted (05-MAY-1998) Solignac M., Laboratoire PGE, CNRS, Avenue
de la Terrasse, 91198 Gif-sur-Yvette cedex, FRANCE
Location/Qualifiers
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/note="PCR primer used to amplify Apis mellifera ssp.
mellifera microsatellite locus Ap37"
/PCR_conditions="annealing temperature: 56 degC, MgCl2 concentration: 1.2 mM, length fragment 194 bp."
                                                                                                                                                                                                                                                                                Baudry, E., Solignac, M., Garnery, L., Gries, M., Cornuet, J.M. and Koeniger, N.
Relatedeness among honey bees of a drone congregation and its sociobiological consequences
Unpublished
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Pred. No. 1e+03;
0; Mismatches 4; Indels
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Autisense modulation of caspase 6 expression
Patent: US 6566135-A 53 20-MAY-2003;
Location/Qualifiers
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/mol_type="other DNA"
/db_xref="taxon:32630"
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Sequence 53 from patent US 6566135.
AR337128
AR337128.1 GI:33722982
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/organism="unknown"
/mol_type="genomic DNA"
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303 GGGCCCACTCAGCTCTGCA 321
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l Similarity 78.9%;
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Unclassified.
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Best Local Similarity
Matches 15; Conserv
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AR337128/c
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PAT 17-AUG-2003

linear

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Gaps

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PAT 24-NOV-2003

linear

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Unclassified.

1 (bases 1 to 18)

Pavo.P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Pavo.P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor

Patent: US 656127-A 3009 20-MAY-2003;

Location/Qualifiers
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Pred. No. 1.1e+03;
0; Mismatches 1;
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/db_xref="taxon:32630"
/noTe="Oligonuclectide"
Sequence 3009 from patent US 6566127.
AR325607.1 GI:33711415
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Patent: EP 1329506-A 32 23-JUL-2003;
Cypro S.A. (BE)
                                                                                                                                                                                                                                             1. .18
/organism="unknown"
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Sequence 32 from Patent BP1329506.
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AX801596.1 GI:38500568
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Best Local Similarity 92.9
Matches 13; Conservative
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Matches 13; Conserv
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                                                                                       Unknown.
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PN JP 2002509733-A/J

PN JP 2002509733-A/J

PN 2-APR-2002

PF 28-WAR-1999 US 60/079792,06-NOV-1998 US 60/LU.LU.

PR 28-WAR-1999 US 60/079792,06-NOV-1998 US 60/LU.LU.

PR 28-WAR-1999 US 60/079792,06-NOV-1998 US 60/LU.LU.

CI2N15/09,C12Q1/64/A61K48/00,C12N15/00

CC T2N15/09,C12Q1/64/A61K48/00,C12N15/00

CC PORTION of a multiple cloning site for use in making deletion libraries.

Location/Qualifiers
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 6220 12-FEB-2002;
Location/Qualifiers
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0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 9.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Pred. No. 1.2e+03;
                                                                                                                                                                     Ruffner, D. E., Pierce, M.L. and Chen, Z. Targeting antisense library Patent: JP 2002509733-A 3 02-APR-2002; UNIVERSITY OF UTAH RESEARCH FOUNDATION OS Artificial Sequence PN JP 2002509733-A/3
PD 02-APR-2002
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Sequence 6250 from patent US 6346398.
AR190762
AR190762.1 GI:20236727
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                                      Targeting antisense library.
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artificial sequences.
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Length 20;
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RESULT 1916 AR325607

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PAT 24-NOV-2000
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Groener, A.D. and Weimer, T.D. Method for the detection of large concentrations of a virus in blood plasma and or blood serum using the polymerase chain
                                                                                                                                                                                                                                                   Gaps
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Patent: BP 1273660-A 1237 08-JAN-2003;
Aeomica, Inc. (US)
                                                              /organism='Unidentified'
Location/Qualifiers
1. .?
                                         location/Qualifiers
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AX649397
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    .23
    forganism="unidentified"
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CENTEON PHARMA GMBH (DE)
LOCATION/Qualifiers
                                                                                                               1. .23
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/db_xref="taxon:32644"
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       Strandedness: Single;
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                       Topology: Linear,
Key
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Homo sapiens
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Regulatory sequence for the specific expression in dendritic cells and uses thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent: WO 0151631-A 55 19-JUL-2001;
Reske-Kunz, Angelika (DE) ; Ross, Xiaolan (DE) ; Ross, Ralf (DE) ;
Bros, Matthias (DE)
Location/Qualifiers
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Thomas, V. and Alberecht, G.

Method for detecting high viral concentration in plasma and/or serum by using polymerase chain reaction

Datent: JP 1999225797-A 2 24-AUG-1999;
CENTEON PHARMA GMBH
OF JP 1999225797-A/2

PN JP 1999225797-A/2

PN JP 1999225797-A/2

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llarity 92.9%; Pred. No. 1.1e+03;
Conservative 0; Mismatches 1; Indels
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Pred. No. 1.1e+03;
0; Mismatches 1; Indels
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Location/Qualifiers
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synthetic construct
artificial sequences.
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l Similarity 92.9%;
13; Conservative
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Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 9.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Search completed: May 3, 2004, 09:52:04 Job time : 47 secs